

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 12, 2005, 06:50:56 ; Search time 1292 Seconds

(without alignments)
264.379 Million cell updates/sec

Title: US-09-488-728-4

Perfect score: 4643
Sequence: 1 MGAARSPPSAVPGPLGLLL.....OLQKNSGMDTMSSEGPSA 866

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 177461 seqs, 39431504 residues

Total number of hits satisfying chosen parameters: 177461

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications RA:*

- 1: /cgn2_6/ptodata/2/pubppaa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/2/pubppaa/PCT_NEW_PUB.pep:*
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- 5: /cgn2_6/ptodata/2/pubppaa/US07_NEW_PUB.pep:*
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- 7: /cgn2_6/ptodata/2/pubppaa/US08_NEW_PUB.pep:*
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- 9: /cgn2_6/ptodata/2/pubppaa/US09_PUBCOMB.pep:*
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- 11: /cgn2_6/ptodata/2/pubppaa/US09C_PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/2/pubppaa/US09C_NEW_PUB.pep:*
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- 19: /cgn2_6/ptodata/2/pubppaa/US11_PUBCOMB.pep:*
- 20: /cgn2_6/ptodata/2/pubppaa/US11_NEW_PUB.pep:*
- 21: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*
- 22: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4643	100.0	866	US-10-033-522-1	Sequence 1, Appli
2	4643	100.0	866	US-10-207-655-107	Sequence 107, App
3	4643	100.0	866	US-10-742-161-10	Sequence 10, Appli
4	4643	100.0	866	US-10-742-372-10	Sequence 10, Appli
5	4643	100.0	866	US-10-646-308-4	Sequence 4, Appli
6	4643	100.0	866	US-10-918-084-1	Sequence 1, Appli
7	4636	99.8	866	US-09-778-971-9	Sequence 9, Appli
8	4355	93.8	810	US-09-809-567-3	Sequence 3, Appli
9	4355	93.8	810	US-10-216-156-3	Sequence 3, Appli
10	4355	93.8	810	US-10-616-788-3	Sequence 3, Appli
11	3042.5	65.5	864	US-10-742-161-2	Sequence 2, Appli

12	3042.5	65.5	864	US-10-742-372-2	Sequence 2, Appli
13	1764	38.0	320	US-09-854-280-15	Sequence 15, Appli
14	1764	38.0	320	US-09-854-208-15	Sequence 15, Appli
15	1764	38.0	328	US-09-854-280-22	Sequence 22, Appli
16	1764	38.0	328	US-09-854-208-22	Sequence 22, Appli
17	1113	24.0	207	US-09-863-818A-19	Sequence 19, Appli
18	1113	24.0	207	US-10-749-144-19	Sequence 19, Appli
19	1113	24.0	207	US-10-924-667-19	Sequence 19, Appli
20	911.5	19.6	208	US-09-863-818A-20	Sequence 20, Appli
21	911.5	19.6	208	US-10-749-144-20	Sequence 20, Appli
22	911.5	19.6	208	US-10-924-667-20	Sequence 20, Appli
23	426	9.2	502	US-09-866-404-18	Sequence 18, Appli
24	426	9.2	502	US-09-874-503-12	Sequence 12, Appli
25	426	9.2	502	US-09-816-744-12	Sequence 12, Appli
26	426	9.2	502	US-09-747-259-12	Sequence 12, Appli
27	426	9.2	502	US-09-808-827-12	Sequence 12, Appli
28	426	9.2	502	US-09-863-818A-2	Sequence 2, Appli
29	426	9.2	502	US-10-006-867-158	Sequence 158, App
30	426	9.2	502	US-10-052-586-400	Sequence 400, App
31	426	9.2	502	US-10-063-547-158	Sequence 158, App
32	426	9.2	502	US-10-000-157-12	Sequence 12, Appli
33	426	9.2	502	US-10-063-551-158	Sequence 158, App
34	426	9.2	502	US-10-174-590-400	Sequence 400, App
35	426	9.2	502	US-10-176-758-400	Sequence 400, App
36	426	9.2	502	US-10-175-737-400	Sequence 400, App
37	426	9.2	502	US-10-063-616-158	Sequence 158, App
38	426	9.2	502	US-10-174-581-400	Sequence 400, App
39	426	9.2	502	US-10-176-483-400	Sequence 400, App
40	426	9.2	502	US-10-176-749-400	Sequence 400, App
41	426	9.2	502	US-10-176-914-400	Sequence 400, App
42	426	9.2	502	US-10-176-915-400	Sequence 400, App
43	426	9.2	502	US-10-063-569-158	Sequence 158, App
44	426	9.2	502	US-10-063-513-158	Sequence 158, App
45	426	9.2	502	US-10-063-515-158	Sequence 158, App

ALIGNMENTS

RESULT 1
US-10-033-522-1
; Sequence 1, Application US/10033522
; Publication No. US20020136724A1
; GENERAL INFORMATION:
; APPLICANT: MOHRER, Kendall M.
; TITLE OR INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17 Antagonists
; FILE REFERENCE: 2982-A
; CURRENT APPLICATION NUMBER: US/10/033,522
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: US 60/241,230
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-522-1

Query Match	100.0%	Score 4643;	DB 13;	Length 866;
Best Local Similarity	100.0%	Pred. No. 0;		
Matches	866;	Conservative 0;	Mismatches 0;	Indels 0;
		Gaps 0;		
QY	1	MGAARSPPSAVPGPLGLLLGLVLAAGASRLDHRALVCSQPGINCTVKNSTCDD	60	
DB	1	MGAARSPPSAVPGPLGLLLGLVLAAGASRLDHRALVCSQPGINCTVKNSTCDD	60	
QY	61	SWHPNLTSPSPDLOLQLFHFAHFOGQDLPVVAHIEWTLQTDASIYLBGAELSVLQIN	120	
DB	61	SWHPNLTSPSPDLOLQLFHFAHFOGQDLPVVAHIEWTLQTDASIYLBGAELSVLQIN	120	
QY	121	TNERLCVRFEEFLSKLRHHRWRWRTFSHFVVDPOEXEVTVVHLLPKPIPDGDPHQSNF	180	

Db 121 TNERLCVREFEFLSKLRHHRRWRFTSFHVVDPDQEVYVYVHLPKPIPDGPNHQSKNF 180
Qy 181 LVPDCEHARMKVTTPCMSSGLMDPNITVETLEAQLRVSFTLNMESTHYQILLSPFM 240
Db 181 LVPDCEHARMKVTTPCMSSGLMDPNITVETLEAQLRVSFTLNMESTHYQILLSPFM 240
Qy 241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Db 241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Qy 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLIYCMTRLAGPGESEKSDDTK 360
Db 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLIYCMTRLAGPGESEKSDDTK 360
Qy 361 YTDGLPADLIPPLKPKRWIIYSADHPLVYDVYLKFAQFLITACGEVALDLLEBOAI 420
Db 361 YTDGLPADLIPPLKPKRWIIYSADHPLVYDVYLKFAQFLITACGEVALDLLEBOAI 420
Qy 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSTRGRKQALLGRGAPVRLRCDHGPVGDLEFT 480
Db 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSTRGRKQALLGRGAPVRLRCDHGPVGDLEFT 480
Qy 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVDPDLFGAARYPLMDRFEVYFRIDLE 540
Db 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVDPDLFGAARYPLMDRFEVYFRIDLE 540
Qy 541 MFQGRMRHVGELSGDNVLRSPGROLRAALDRFDMQVRCPDMECENTLSADQDAPS 600
Db 541 MFQGRMRHVGELSGDNVLRSPGROLRAALDRFDMQVRCPDMECENTLSADQDAPS 600
Qy 601 LDEEVFEERLLPFGTGVYKRAPLVREPGSOACLAIDPLVGEEGAVALKEBHLQPRGP 660
Db 601 LDEEVFEERLLPFGTGVYKRAPLVREPGSOACLAIDPLVGEEGAVALKEBHLQPRGP 660
Qy 661 APOPLHTLVLAEBGALVAVEPGPLADGAIVRLALAGEGACPLLSPGAGRNSVLFPL 720
Db 661 APOPLHTLVLAEBGALVAVEPGPLADGAIVRLALAGEGACPLLSPGAGRNSVLFPL 720
Qy 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPMVLTDPHT 780
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPMVLTDPHT 780
Qy 781 PYEEBQRQSVQSDQGYISRSPPQPEGLTEMEEBEEDQPKPALPLSPEDLESLSIQ 840
Db 781 PYEEBQRQSVQSDQGYISRSPPQPEGLTEMEEBEEDQPKPALPLSPEDLESLSIQ 840
Qy 841 ROLLFRQLQKNSGMDTMSSESGPSA 866
Db 841 ROLLFRQLQKNSGMDTMSSESGPSA 866

RESULT 2
US-10-207-655-107
; Sequence 107, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069, 401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 107
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-107

Query Match 100.0%; Score 4643; DB 14; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGAARSPSAVGPRLGLILLGLVLAAGASLRLLDHRALVCSQPGINCTYKNSCTCDD 60
Db 1 MGAARSPSAVGPRLGLILLGLVLAAGASLRLLDHRALVCSQPGINCTYKNSCTCDD 60
Qy 61 SWIHRNLTPSSPKDLQIQLFHATQGDLEPPVAHIEWTLQTDASILYLEGAEISVLQIN 120
Db 61 SWIHRNLTPSSPKDLQIQLFHATQGDLEPPVAHIEWTLQTDASILYLEGAEISVLQIN 120
Qy 121 TNERLCVREFEFLSKLRHHRRWRFTSFHVVDPDQEVYVYVHLPKPIPDGPNHQSKNF 180
Db 121 TNERLCVREFEFLSKLRHHRRWRFTSFHVVDPDQEVYVYVHLPKPIPDGPNHQSKNF 180
Qy 181 LVPDCEHARMKVTTPCMSSGLMDPNITVETLEAQLRVSFTLNMESTHYQILLSPFM 240
Db 181 LVPDCEHARMKVTTPCMSSGLMDPNITVETLEAQLRVSFTLNMESTHYQILLSPFM 240
Qy 241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Db 241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLNLKGCCHQVOIQPFSSCLNDCLRHSAT 300
Qy 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLIYCMTRLAGPGESEKSDDTK 360
Db 301 VSCPEMPTPEPIPDYMLWYVFTGISILLVGSVILLIYCMTRLAGPGESEKSDDTK 360
Qy 361 YTDGLPADLIPPLKPKRWIIYSADHPLVYDVYLKFAQFLITACGEVALDLLEBOAI 420
Db 361 YTDGLPADLIPPLKPKRWIIYSADHPLVYDVYLKFAQFLITACGEVALDLLEBOAI 420
Qy 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSTRGRKQALLGRGAPVRLRCDHGPVGDLEFT 480
Db 421 SEAGVMTWVGRQKQEMVESNSKIIVLCSTRGRKQALLGRGAPVRLRCDHGPVGDLEFT 480
Qy 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVDPDLFGAARYPLMDRFEVYFRIDLE 540
Db 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVDPDLFGAARYPLMDRFEVYFRIDLE 540
Qy 541 MFQGRMRHVGELSGDNVLRSPGROLRAALDRFDMQVRCPDMECENTLSADQDAPS 600
Db 541 MFQGRMRHVGELSGDNVLRSPGROLRAALDRFDMQVRCPDMECENTLSADQDAPS 600
Qy 601 LDEEVFEERLLPFGTGVYKRAPLVREPGSOACLAIDPLVGEEGAVALKEBHLQPRGP 660
Db 601 LDEEVFEERLLPFGTGVYKRAPLVREPGSOACLAIDPLVGEEGAVALKEBHLQPRGP 660
Qy 661 APOPLHTLVLAEBGALVAVEPGPLADGAIVRLALAGEGACPLLSPGAGRNSVLFPL 720
Db 661 APOPLHTLVLAEBGALVAVEPGPLADGAIVRLALAGEGACPLLSPGAGRNSVLFPL 720
Qy 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPMVLTDPHT 780
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSRPMVLTDPHT 780
Qy 781 PYEEBQRQSVQSDQGYISRSPPQPEGLTEMEEBEEDQPKPALPLSPEDLESLSIQ 840
Db 781 PYEEBQRQSVQSDQGYISRSPPQPEGLTEMEEBEEDQPKPALPLSPEDLESLSIQ 840
Qy 841 ROLLFRQLQKNSGMDTMSSESGPSA 866
Db 841 ROLLFRQLQKNSGMDTMSSESGPSA 866

RESULT 3
US-10-742-161-10
; Sequence 10, Application US/10742161
; Publication No. US20040120898A1
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; TITLE OF INVENTION: Novel Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; Spriggs, Melanie
; Fanslow, William

ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/742,161
FILING DATE: 18-Dec-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USN 08/538,765
FILING DATE: 7 AUGUST 1995
APPLICATION NUMBER: USN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-742-161-10

Query Match 100.0%; Score 4643; DB 16; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGAARSPSAVGPGLGLLLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTSPSSPKDLQILHFAHTQGGDLFPVAHIEWTLQTDASILYLEGAEISVLQIN 120
DB 61 SWIHRNLTSPSSPKDLQILHFAHTQGGDLFPVAHIEWTLQTDASILYLEGAEISVLQIN 120
QY 121 TNERLCVAFEEFLSKLRHHRWRPFESHPVVDPDDEYEVTVHLLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFEEFLSKLRHHRWRPFESHPVVDPDDEYEVTVHLLPKPIPDGDPNHQSKNF 180
QY 121 TNERLCVAFEEFLSKLRHHRWRPFESHPVVDPDDEYEVTVHLLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFEEFLSKLRHHRWRPFESHPVVDPDDEYEVTVHLLPKPIPDGDPNHQSKNF 180
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DB 181 LVPCDEHARMKVTTCMSSGSLMDPNITVETLEAHQLRVSFILMNESTHYQILLTFPPHM 240
QY 181 LVPCDEHARMKVTTCMSSGSLMDPNITVETLEAHQLRVSFILMNESTHYQILLTFPPHM 240
DB 181 LVPCDEHARMKVTTCMSSGSLMDPNITVETLEAHQLRVSFILMNESTHYQILLTFPPHM 240
QY 241 ENHSCFEHMHII PAPRPEEFQORSNVTLTLRNLCGCCRHQVOIQPFSSCLINDCLRHSA 300
DB 241 ENHSCFEHMHII PAPRPEEFQORSNVTLTLRNLCGCCRHQVOIQPFSSCLINDCLRHSA 300
QY 241 ENHSCFEHMHII PAPRPEEFQORSNVTLTLRNLCGCCRHQVOIQPFSSCLINDCLRHSA 300
DB 241 ENHSCFEHMHII PAPRPEEFQORSNVTLTLRNLCGCCRHQVOIQPFSSCLINDCLRHSA 300
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DB 301 VSCPEMPTPEPIPIPYMPLMYWFTGISILLVGSVILLIYCMWRLAGPSEKXSDDTK 360
QY 301 VSCPEMPTPEPIPIPYMPLMYWFTGISILLVGSVILLIYCMWRLAGPSEKXSDDTK 360
DB 301 VSCPEMPTPEPIPIPYMPLMYWFTGISILLVGSVILLIYCMWRLAGPSEKXSDDTK 360
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DB 361 YTDGPAADLIPPLPKPRKWIITISADHPLVYDVVLKFAQFLLTAAGTEVALDLLEDAI 420
QY 421 SEAGVTVVGRQKQKVESNSKIIVLCSGRTAKVQALLGRGAPVRLCDHGKPVGLDFT 480
DB 421 SEAGVTVVGRQKQKVESNSKIIVLCSGRTAKVQALLGRGAPVRLCDHGKPVGLDFT 480

QY 481 AAMNMILPDFRPAFCGTIVVCFSEVSCDGDVDDLFGAARVYPLMDRFEEVYRIODLE 540
DB 481 AAMNMILPDFRPAFCGTIVVCFSEVSCDGDVDDLFGAARVYPLMDRFEEVYRIODLE 540
QY 541 MFCGRMHRVGEISGDNYLNSPGGRQIRALDRDRDQVRCEDMFECEBNLYSADDQAPS 600
DB 541 MFCGRMHRVGEISGDNYLNSPGGRQIRALDRDRDQVRCEDMFECEBNLYSADDQAPS 600
QY 601 LDEEVFEPEPLIPGTGIVKAPLVREPGSOACLAIDPLVGBEGAAVAKLEPHLOPRQP 660
DB 601 LDEEVFEPEPLIPGTGIVKAPLVREPGSOACLAIDPLVGBEGAAVAKLEPHLOPRQP 660
QY 661 APOPLHTLVLAEEGALVAAVEPGLADGAARIALAGEACPLGSPGAGRNVLFPL 720
DB 661 APOPLHTLVLAEEGALVAAVEPGLADGAARIALAGEACPLGSPGAGRNVLFPL 720
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DB 721 VDPEDSPGSSTPMASPDLLPEDEVREHLEGIMLSLFEQSLSQAOQGGCSRPAWLTDPHT 780
QY 781 PYEEOROSVSDGYSRSRPOPPEGLTEMEEEEBODPGKPALPLSPEDLSLSLQ 840
DB 781 PYEEOROSVSDGYSRSRPOPPEGLTEMEEEEBODPGKPALPLSPEDLSLSLQ 840
QY 841 RQLFROLQKNSGMDTMGSESEGPSA 866
DB 841 RQLFROLQKNSGMDTMGSESEGPSA 866

RESULT 4
US-10-742-372-10
Sequence 10, Application US/10742372
Publication No. US20040120899A1
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
Spriggs, Melanie
Fanslow, William
TITLE OF INVENTION: Novel Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/742,372
FILING DATE: 18-Dec-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USN 08/538,765
FILING DATE: 7 AUGUST 1995
APPLICATION NUMBER: USN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-742-372-10

Query Match 100.0%; Score 4643; DB 16; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLILLGLVAPGASIRLDHRAVCSOPGLNCTVKNSTCDD 60
DB 1 MGAARSPSAVPGPLGLILLGLVAPGASIRLDHRAVCSOPGLNCTVKNSTCDD 60
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DB 61 SWIHPRNLTPSSPKDLQQLHFAHTQOQDLFPVAHIEMTLQTDASILYEGAEISVLQIN 120
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DB 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVTVYVHLPKPIPDGDPNHQSKNF 180
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DB 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
QY 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKGCCHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKGCCHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPDTPPEIPDYMPLMVYVFTGISILLVGSVILLVCMTWRLAGPSEKXSDTK 360
DB 301 VSCPEMPDTPPEIPDYMPLMVYVFTGISILLVGSVILLVCMTWRLAGPSEKXSDTK 360
QY 361 YTDGLPADLLPPPLKPKRWIIYSADHPLVYDVVLKFAQFLTLACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLLPPPLKPKRWIIYSADHPLVYDVVLKFAQFLTLACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
QY 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVPLDFAAPRYPLMDREBEVYFRIDOLE 540
DB 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVPLDFAAPRYPLMDREBEVYFRIDOLE 540
QY 541 MFOGRMHRVGLSGDNVTLRSPGRQLRAALDRFRDMQVRCPDWFECCENTYSADDOQAPS 600
DB 541 MFOGRMHRVGLSGDNVTLRSPGRQLRAALDRFRDMQVRCPDWFECCENTYSADDOQAPS 600
QY 601 LDEEVEEPEPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
DB 601 LDEEVEEPEPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
QY 661 APOPLHTLVLAABEGALVAAVEPGPLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
DB 661 APOPLHTLVLAABEGALVAAVEPGPLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
QY 721 VDPESPPLGSSTPMASPDLLPEDVVRHLEGLMLSLFEGSLSCOAQGGCSPRMVLTDPHT 780
DB 721 VDPESPPLGSSTPMASPDLLPEDVVRHLEGLMLSLFEGSLSCOAQGGCSPRMVLTDPHT 780
QY 781 PYEEEROGVSDOGYISRSPOPPRGTLTMEEBEEBODPGKPLPLSPEDLESIRSLQ 840
DB 781 PYEEEROGVSDOGYISRSPOPPRGTLTMEEBEEBODPGKPLPLSPEDLESIRSLQ 840
QY 841 ROLLFRQLQKNSGMDTMSSESGPSA 866
DB 841 ROLLFRQLQKNSGMDTMSSESGPSA 866

RESULT 5
US-10-646-308-4

/ Sequence 4, Application US/10646308
/ Publication No. US20040136992A1
/ GENERAL INFORMATION:
/ APPLICANT: BURTON, Paul B. J.
/ APPLICANT: DEISHER, Theresa A.
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASE
/ FILE REFERENCE: 3432-B
/ CURRENT APPLICATION NUMBER: US/10/646,308
/ PRIOR FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: --to be assigned--
/ PRIOR FILING DATE: 2003-08-12
/ PRIOR APPLICATION NUMBER: 60/406,418
/ PRIOR FILING DATE: 2002-08-28
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4
/ LENGTH: 866
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-646-308-4

Query Match 100.0%; Score 4643; DB 16; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLILLGLVAPGASIRLDHRAVCSOPGLNCTVKNSTCDD 60
DB 1 MGAARSPSAVPGPLGLILLGLVAPGASIRLDHRAVCSOPGLNCTVKNSTCDD 60
QY 61 SWIHPRNLTPSSPKDLQQLHFAHTQOQDLFPVAHIEMTLQTDASILYEGAEISVLQIN 120
DB 61 SWIHPRNLTPSSPKDLQQLHFAHTQOQDLFPVAHIEMTLQTDASILYEGAEISVLQIN 120
QY 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVTVYVHLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVRFEPFLSKLRHHRMRFTFSHFVVDPOEYEVTVYVHLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
DB 181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSPFHM 240
QY 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKGCCHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHHPAPRPEEFHQRNSVTLTLRNKGCCHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPDTPPEIPDYMPLMVYVFTGISILLVGSVILLVCMTWRLAGPSEKXSDTK 360
DB 301 VSCPEMPDTPPEIPDYMPLMVYVFTGISILLVGSVILLVCMTWRLAGPSEKXSDTK 360
QY 361 YTDGLPADLLPPPLKPKRWIIYSADHPLVYDVVLKFAQFLTLACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLLPPPLKPKRWIIYSADHPLVYDVVLKFAQFLTLACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTWVGROKQEWESNSKIIVLCSTRGRAKQALLGRGAPVRLRCDHGKPVGDLFT 480
QY 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVPLDFAAPRYPLMDREBEVYFRIDOLE 540
DB 481 AAMNMILPDFKRPACFGTYVVCYFSEVSCDGDVPLDFAAPRYPLMDREBEVYFRIDOLE 540
QY 541 MFOGRMHRVGLSGDNVTLRSPGRQLRAALDRFRDMQVRCPDWFECCENTYSADDOQAPS 600
DB 541 MFOGRMHRVGLSGDNVTLRSPGRQLRAALDRFRDMQVRCPDWFECCENTYSADDOQAPS 600
QY 601 LDEEVEEPEPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
DB 601 LDEEVEEPEPLPFGTGIYKRAPLVREPGSQACLAIDPLVGEEGAANAVALLEPHLQPRGP 660
QY 661 APOPLHTLVLAABEGALVAAVEPGPLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720
DB 661 APOPLHTLVLAABEGALVAAVEPGPLADGAAVRLALAGEGACPLLSGPGAGRNSVFLP 720

QY 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSCOAGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSCOAGGCSRPAMVLTDPHT 780
QY 781 PYEEBOROSVSDQGYISRSSPQPEGLTEMEEBEERODPGKPALPLSPEDLESLSLQ 840
DB 781 PYEEBOROSVSDQGYISRSSPQPEGLTEMEEBEERODPGKPALPLSPEDLESLSLQ 840
QY 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866
DB 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866

RESULT 6

US-10-918-084-1
; Sequence 1, Application US/10918084
; Publication No. US20050013814A1
; GENERAL INFORMATION:
; APPLICANT: MOHLER, Kendall M.
; TITLE OF INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17 Antagonists
; FILE REFERENCE: 2982-A
; CURRENT APPLICATION NUMBER: US/10/918,084
; CURRENT FILING DATE: 2004-08-13
; PRIOR APPLICATION NUMBER: US/10/033,522
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: US 60/241,230
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patent version 3.1
; SEQ ID NO 1
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-084-1

Query Match 100.0%; Score 4643; DB 17; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVAVGPDLLGLILLGLVLAFGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
DB 1 MGAARSPSAVAVGPDLLGLILLGLVLAFGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
DB 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPODEYEVTVHHLPKPIPDGDPNHQSNKF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPODEYEVTVHHLPKPIPDGDPNHQSNKF 180
QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPODEYEVTVHHLPKPIPDGDPNHQSNKF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPODEYEVTVHHLPKPIPDGDPNHQSNKF 180
QY 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHHPARPEEFHORSNVTLTLNKLKCCCHQVQIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHHPARPEEFHORSNVTLTLNKLKCCCHQVQIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPDTPPEIPDYMPLMVWFTGISILLVGSVILLVCMTRLAGPGESEKTSDDTK 360
DB 301 VSCPEMPDTPPEIPDYMPLMVWFTGISILLVGSVILLVCMTRLAGPGESEKTSDDTK 360
QY 361 YTDGIPADDLIPPLPKPKVWIIYSADHPLVYDVVVKFAQFLLTACGTEVALDLLEBAI 420
DB 361 YTDGIPADDLIPPLPKPKVWIIYSADHPLVYDVVVKFAQFLLTACGTEVALDLLEBAI 420
QY 421 SRAGVMTWVGRKOEKSVNSKIIVLCSSGTRAKKQALLGRGAPVRLCDHGKPVGDLFT 480
DB 421 SRAGVMTWVGRKOEKSVNSKIIVLCSSGTRAKKQALLGRGAPVRLCDHGKPVGDLFT 480
QY 481 AAMNMLPDPFKRPACFGTYVVCYFSEVSCDGDVPLFGAAPPYPLMDPEEYFRIDLE 540
DB 481 AAMNMLPDPFKRPACFGTYVVCYFSEVSCDGDVPLFGAAPPYPLMDPEEYFRIDLE 540

DB 481 AAMNMLPDPFKRPACFGTYVVCYFSEVSCDGDVPLFGAAPPYPLMDPEEYFRIDLE 540
QY 541 MFOGPMHVRGELSGDNVTLRSRPGROLRAALDRFRDMQVRCPEMFECECYXSADODAPS 600
DB 541 MFOGPMHVRGELSGDNVTLRSRPGROLRAALDRFRDMQVRCPEMFECECYXSADODAPS 600
QY 601 LDEEVEEPPLPFGTGYIKRPAVLVREPSQACLAIDPLVGEEGAANAVALKEPHILOPRQOP 660
DB 601 LDEEVEEPPLPFGTGYIKRPAVLVREPSQACLAIDPLVGEEGAANAVALKEPHILOPRQOP 660
QY 661 APOLHTVLAEEGALVAANEPPGLADGAAVRLALAGEGACPLTSGPGRSVLFLP 720
DB 661 APOLHTVLAEEGALVAANEPPGLADGAAVRLALAGEGACPLTSGPGRSVLFLP 720
QY 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSCOAGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEOSLSCOAGGCSRPAMVLTDPHT 780
QY 781 PYEEBOROSVSDQGYISRSSPQPEGLTEMEEBEERODPGKPALPLSPEDLESLSLQ 840
DB 781 PYEEBOROSVSDQGYISRSSPQPEGLTEMEEBEERODPGKPALPLSPEDLESLSLQ 840
QY 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866
DB 841 ROLLEFROLQKNSGMDTMSSESEGPSA 866

RESULT 7

US-09-778-971-9
; Sequence 9, Application US/09778971
; Patent No. US20020102639A1
; GENERAL INFORMATION:
; APPLICANT: Shaughnessy, John D.
; TITLE OF INVENTION: Evi27 Gene Sequence and Protein Encoded Thereby
; FILE REFERENCE: D6138
; CURRENT APPLICATION NUMBER: US/09/778,971
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/180,374
; PRIOR FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 9
; SEQ ID NO 9
; LENGTH: 866
; TYPE: PRT
; ORGANISM: Unknown
; NAME/KEY: peptide
; OTHER INFORMATION: IL-17 receptor protein
US-09-778-971-9

Query Match 99.8%; Score 4636; DB 9; Length 866;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 865; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MGAARSPSAVAVGPDLLGLILLGLVLAFGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
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QY 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
DB 61 SWIHRNLTSPSSPKDLOQLHFAHQOQDLPVVAHIEWTLQTDASILYLEGAELSVLDLN 120
QY 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPODEYEVTVHHLPKPIPDGDPNHQSNKF 180
DB 121 TNERLCVAFEEFLSKLRHHRMRFTFSHFVVDPODEYEVTVHHLPKPIPDGDPNHQSNKF 180
QY 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTPPCMSGSLMDPNITVETLEAHQKVSFTLWNESTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHHPARPEEFHORSNVTLTLNKLKCCCHQVQIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHHPARPEEFHORSNVTLTLNKLKCCCHQVQIQPFSSCLNDCLRHSAT 300

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Qy 301 VSCPEMPTPEPIIDYMLMYWFTIGISILLVGSVILLIYCMTRWLAGPSEKSDPTK 360
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Db 301 VSCPEMPTPEPIIDYMLMYWFTIGISILLVGSVILLIYCMTRWLAGPSEKSDPTK 360
Qy 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOPLITACGTEVALDLLEBOAI 420
|
Db 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOPLITACGTEVALDLLEBOAI 420
Qy 421 SEAGVMTWVGRQKQEMVESNSKIIVLCISRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
|
Db 421 SEAGVMTWVGRQKQEMVESNSKIIVLCISRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
Qy 481 AAMNMILPDPKRPACFGTYVVCYFSEVSCDGVDPDLFGAAPPYPLMDRFEERYFRIIDLE 540
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Db 481 AAMNMILPDPKRPACFGTYVVCYFSEVSCDGVDPDLFGAAPPYPLMDRFEERYFRIIDLE 540
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Db 541 MFQPGMRHVGELSGDNYLRSFGGRQLRAALDRFRDWOVRCPDMECENTYSADQDAPS 600
Qy 601 LDEVFEEBPLPFGTGIYKRALVREPGSOACLAIDPLVGEEGAANAVALKLEPHILOPRQOP 660
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Db 601 LDEVFEEBPLPFGTGIYKRALVREPGSOACLAIDPLVGEEGAANAVALKLEPHILOPRQOP 660
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Db 661 APOPLHTIVLAABEGALVAAVEPGLADGAAVRLALAGEBACPLLSGPGAGRNVSFLFP 720
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Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCGRPAMVLTDPHT 780
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Db 781 PYEEBQROSVQSDQGYISRSSPQPEGLTEMEBEEBEOQPKPALPLSPEDLESLSPLQ 840
Qy 841 ROLLFRQLQKNSGMDTMGSESEGPSA 866
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Db 841 ROLLFRQLQKNSGMDTMGSESEGPSA 866

RESULT 8
US-09-809-567-3
; Sequence 3, Application US/09809567
; Patent No. US20020045213A1
; GENERAL INFORMATION:
; APPLICANT: Jinq, Shuguan
; TITLE OF INVENTION: IL-17 Receptor Like Molecules and Uses Thereof
; FILE REFERENCE: 01017/36916A
; CURRENT APPLICATION NUMBER: US/09/809,567
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 09/724,460
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 60/189,816
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-809-567-3

Query Match 93.8%; Score 4355; DB 9; Length 810;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 810; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 MGAASPPSAVPGPLIGLLILLGLVLAAPGASLRLIDHRALVCSQPGALNCTKNSCTCDD 60
|
Db 1 MGAASPPSAVPGPLIGLLILLGLVLAAPGASLRLIDHRALVCSQPGALNCTKNSCTCDD 60
Qy 61 SWIHRNLTTPSSPKDLQIQLFHAFHTQOQDLFPVAHIEMWTLOTASILVLEGAEISVLQIN 120
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Db 61 SWIHRNLTTPSSPKDLQIQLFHAFHTQOQDLFPVAHIEMWTLOTASILVLEGAEISVLQIN 120

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Db 61 SWIHRNLTTPSSPKDLQIQLFHAFHTQOQDLFPVAHIEMWTLOTASILVLEGAEISVLQIN 120
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Qy 121 TNERLCVAFEEFLSKLRHHRWRRTFFSHFYVDPODEYVYTHHLKPLIPDGDPMHQSNF 180
|
Db 121 TNERLCVAFEEFLSKLRHHRWRRTFFSHFYVDPODEYVYTHHLKPLIPDGDPMHQSNF 180
Qy 181 LVPDCEHARMKVTTPCWSGSLMDPNITVETLEAHQLVSTFLMNESHYOITLTFPHM 240
|
Db 181 LVPDCEHARMKVTTPCWSGSLMDPNITVETLEAHQLVSTFLMNESHYOITLTFPHM 240
Qy 241 ENHSCFEHMHIIIPAPREPEFHORSNVTLTLNKLGCCHQVOIOPFFSCINDCLRHSAT 300
|
Db 241 ENHSCFEHMHIIIPAPREPEFHORSNVTLTLNKLGCCHQVOIOPFFSCINDCLRHSAT 300
Qy 301 VSCPEMPTPEPIIDYMLMYWFTIGISILLVGSVILLIYCMTRWLAGPSEKSDPTK 360
|
Db 301 VSCPEMPTPEPIIDYMLMYWFTIGISILLVGSVILLIYCMTRWLAGPSEKSDPTK 360
Qy 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOPLITACGTEVALDLLEBOAI 420
|
Db 361 YTDGLPAADLIIPPLKPKRWIIYSADHPLVYDVVLKFAOPLITACGTEVALDLLEBOAI 420
Qy 421 SEAGVMTWVGRQKQEMVESNSKIIVLCISRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
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Db 421 SEAGVMTWVGRQKQEMVESNSKIIVLCISRGTRAKQALLGRGAPVRLRCDHGKPVGDLEFT 480
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Db 481 AAMNMILPDPKRPACFGTYVVCYFSEVSCDGVDPDLFGAAPPYPLMDRFEERYFRIIDLE 540
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Db 541 MFQPGMRHVGELSGDNYLRSFGGRQLRAALDRFRDWOVRCPDMECENTYSADQDAPS 600
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|
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCGRPAMVLTDPHT 780
Qy 781 PYEEBQROSVQSDQGYISRSSPQPEGLTEMEBEEBEOQPKPALPLSPEDLESLSPLQ 840
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Db 781 PYEEBQROSVQSDQGYISRSSPQPEGLTEMEBEEBEOQPKPALPLSPEDLESLSPLQ 840

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RESULT 9
US-10-216-156-3
; Sequence 3, Application US/10216156
; Publication No. US20030099980A1
; GENERAL INFORMATION:
; APPLICANT: Jinq, Shuguan
; TITLE OF INVENTION: IL-17 Receptor Like Molecules and Uses Thereof
; FILE REFERENCE: 01017/36916A
; CURRENT APPLICATION NUMBER: US/10/216,156
; PRIOR FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/09/809,567
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 09/724,460
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 60/189,816
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens

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US-10-216-156-3

Query Match 93.8%; Score 4355; DB 14; Length 810;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 810; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVKNSTCLDD 60
DB 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVKNSTCLDD 60
QY 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
DB 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
QY 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
DB 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
QY 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLMNESTHYQIILTSPPHM 240
DB 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLMNESTHYQIILTSPPHM 240
QY 241 ENHSCFEHMHIIPAPREEFHQRNSVTLTLNKLGCCRHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHIIPAPREEFHQRNSVTLTLNKLGCCRHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMDTPEPIPDYPLWYWFITGISILVGSVLLIYCMWRLAGPSEKYSDDTK 360
DB 301 VSCPEMDTPEPIPDYPLWYWFITGISILVGSVLLIYCMWRLAGPSEKYSDDTK 360
QY 361 YTDGLPADLIPPLKPKRWIISADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLIPPLKPKRWIISADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKQEWESNSKIIVLCSGRTRAKQALLGGAHVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTWVGROKQEWESNSKIIVLCSGRTRAKQALLGGAHVRLRCDHGKPVGDLFT 480
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DB 481 AAMNMIIIPDFRPAFCFTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIODLE 540
QY 541 MFOGRHNRVGLSGDNYLRS PGGRQLRAALDRFRDQVRCPDWFECEENTYSADQDAPS 600
DB 541 MFOGRHNRVGLSGDNYLRS PGGRQLRAALDRFRDQVRCPDWFECEENTYSADQDAPS 600
QY 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSOACLAIDPLVGBEGGAVAVKLEPHILOPRGQ 660
DB 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSOACLAIDPLVGBEGGAVAVKLEPHILOPRGQ 660
QY 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLSGPGGRNSVFLP 720
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DB 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSRPAMVLTDPHT 780
QY 781 PYEBEOROSVSDQGYISRSSPOPEGLTE 810
DB 781 PYEBEOROSVSDQGYISRSSPOPEGLTE 810

RESULT 10
US-10-616-788-3
; Sequence 3, Application US/10616788
; Publication No. US20040048338A1
; GENERAL INFORMATION:
; APPLICANT: Jinq, Shugian
; TITLE OF INVENTION: IL-17 Receptor Like Molecules and Uses Thereof
; FILE REFERENCE: 01017/39525
; CURRENT APPLICATION NUMBER: US/10/616,788
; CURRENT FILING DATE: 2003-07-10

; PRIOR APPLICATION NUMBER: 09/809,567
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 09/724,460
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 60/189,816
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-616-788-3

Query Match 93.8%; Score 4355; DB 15; Length 810;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 810; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVKNSTCLDD 60
DB 1 MGAARSPSAVPGPLGLLLGLVLA PGASRLDLDRALVCSQPGINCTVKNSTCLDD 60
QY 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
DB 61 SWIHPNLTSSPKDLOIQHFAHQGDLPVAHIEMTLQTDASIIYLBGAELSVQLN 120
QY 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
DB 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVVHHLPKPIPGDDPHQSKNF 180
QY 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLMNESTHYQIILTSPPHM 240
DB 181 LVPDCEHARKKVTTPCMSSGSLMDPNITVETLEAHQLRVSTLMNESTHYQIILTSPPHM 240
QY 241 ENHSCFEHMHIIPAPREEFHQRNSVTLTLNKLGCCRHQVOIQPFSSCLNDCLRHSAT 300
DB 241 ENHSCFEHMHIIPAPREEFHQRNSVTLTLNKLGCCRHQVOIQPFSSCLNDCLRHSAT 300
QY 301 VSCPEMDTPEPIPDYPLWYWFITGISILVGSVLLIYCMWRLAGPSEKYSDDTK 360
DB 301 VSCPEMDTPEPIPDYPLWYWFITGISILVGSVLLIYCMWRLAGPSEKYSDDTK 360
QY 361 YTDGLPADLIPPLKPKRWIISADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
DB 361 YTDGLPADLIPPLKPKRWIISADHPLYVDVLFKFAQFLTACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKQEWESNSKIIVLCSGRTRAKQALLGGAHVRLRCDHGKPVGDLFT 480
DB 421 SEAGVMTWVGROKQEWESNSKIIVLCSGRTRAKQALLGGAHVRLRCDHGKPVGDLFT 480
QY 481 AAMNMIIIPDFRPAFCFTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIODLE 540
DB 481 AAMNMIIIPDFRPAFCFTYVVCYFSEVSCDGDVLDLGAARVYPLMDRFEVYRIODLE 540
QY 541 MFOGRHNRVGLSGDNYLRS PGGRQLRAALDRFRDQVRCPDWFECEENTYSADQDAPS 600
DB 541 MFOGRHNRVGLSGDNYLRS PGGRQLRAALDRFRDQVRCPDWFECEENTYSADQDAPS 600
QY 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSOACLAIDPLVGBEGGAVAVKLEPHILOPRGQ 660
DB 601 LDEEVFEERPLPFGTGIYKRAPLVREPGSOACLAIDPLVGBEGGAVAVKLEPHILOPRGQ 660
QY 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLSGPGGRNSVFLP 720
DB 661 APQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLSGPGGRNSVFLP 720
QY 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSRPAMVLTDPHT 780
QY 781 PYEBEOROSVSDQGYISRSSPOPEGLTE 810
DB 781 PYEBEOROSVSDQGYISRSSPOPEGLTE 810


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RESULT 11
US-10-742-161-2
; Sequence 2, Application US/10742161
; Publication No. US20040120898A1
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
;               Springs, Melanie
;               Fanslow, William
; TITLE OF INVENTION: Novel Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESS: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/742,161
; FILING DATE: 18-Dec-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,694
; FILING DATE: 21 MARCH 1996
; APPLICATION NUMBER: USSN 08/538,765
; FILING DATE: 7 AUGUST 1995
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206)
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 864 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-742-161-2

Query Match      65.5%; Score 3042.5; DB 16; Length 864;
Beet Local Similarity 67.9%; Pred. No. 6,4e-234;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY      1  MGAASPSAVGPGPLGLLLGLVAPGASIRLLDHRALVCSQPGINCTYKONSTCDD 60
DB      1  MAIRRCWRVVGPRALGMLLLLVLAARASPRLLDFPACVCAQEGSLSCRKSTCDD 60
QY      61  SWIHRNLTSPSSPKLQIQLFHATQOQDLFPVAHIEWTLQTDASILYLEGAELSVLQIN 120
DB      61  SWIHRNLTSPSSPKKIYINLSVSTQHGELVVLHVEWTLQTDASILYLEGAELSVLQIN 120
QY      121  TNERICVPEPLSKLRHHRRWRPFESHVVDPDQEVETVYHLLPKPIPDGDPNQSINF 180
DB      121  TNERICVAFQFLSMQIHHRRWRPFESHVVDPDQEVETVYHLLPKPIPDGDPNQSINF 180
QY      181  LVPPDEHARMKVTTCMSGSLMDPNITVETLEAQLRVSFLLMNESTHYQILTSFPM 240
DB      181  LVPPDEHARMKVTTCMSGSLMDPNITVETLEAQLRVSFLLMNESTHYQILTSFPM 240
QY      241  ENHSCFEMHHIAPRPEEFHQRASVNTLTLRNLKCCCHQVOIQPFSSCLNDCLRHSA 300
DB      241  ENHSCFEMHHIAPRPEEFHQRASVNTLTLRNLKCCCHQVOIQPFSSCLNDCLRHSA 300
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DB      241  ENHSCFEMHHIAPRPEEFHQRASVNTLTLSKFMCHCHHVQVQPFSSCLNDCLRHSA 300
QY      301  VSCPEMPT--PEPIPDYMLWTWFTIGSILLVGSYILLIVCTWRLAGBSKYSDD 358
DB      301  VPCPISNTVTPKPVADYIPLWVGLITLILLLVGSYIVLICTWRLSGDQKHSDD 360
QY      359  TKYTDGLPADLIPPLPKRKVWIYISADHLYVDVYLKPAQPLLTACGTEVALDLBEQ 418
DB      361  SKINGILPVADLTPEPLPKRKVWIYISADHLYVDVYLKPAQPLLTACGTEVALDLBEQ 420
QY      419  AISEAGVTVVGRQKQEVESNSKIIVLCRSRTRAKWQALLGRAP-VRLRCDHKPVD 477
DB      421  VISEGVTVVSRQKQEVESNSKIILCSRGTQAKWAILGMALPAPVQLCDHKPAGD 480
QY      478  LPTAAMNLTDFKRPACFGTYVVCYRSEVSCDDGVPLFCAARPYPLMDRPEEYFRIQ 537
DB      481  LPTAAMNLTDFKRPACFGTYVVCYRSEVSCDDGVPLFCAARPYPLMDRPEEYFRIQ 540
QY      538  DLEMFQGRMRVGBELSGDNYLRSRGGRLRAALDRFDMQVRCDDPFCENLYSADDP 597
DB      541  DLEMFQGRMRVGBELSGDNYLRSRGGRLRAALDRFDMQVRCDDPFCENLYSADDP 600
QY      598  APSIDEEVFEBPLLPGTGIVKRAPLVREPSQACLAIDPLVGEGBGAAVAKLBEHLQPR 657
DB      601  LPSIDEEVFEBPLLPGGGIVKQQLVRELPSCDGLVYDVCVSE-ESRMAKLDQLMPQ 659
QY      658  GQAPAPLHTIVLAEBALVAVERGPIAD--GAARLALAGEGACAPLLGSPRAGNS 715
DB      660  RELVAHTLQSNVLAPEQVPAHVVEPLHLPGSGAQAQLPMTEDSEACPPL--GVQONS 716
QY      716  VLPLVPDEPDSPLGSSFPMAKSPDLLPEDEVREHLGLMLSLFEQSLSCAAGGCSRPAYVL 775
DB      717  ILCPVDSDDLPL-CSTPMSPDHLQGDARQSLMSLSTVQSLSGPLSWRPEVYL 775
QY      776  TDPIHPIYEEQRGVSQDQGIYISRSSPQPEGLTEMEEBEEDQPCRPALPLSEDLDES 835
DB      776  -EGCTPSEEBQRGVSQDQGIYISRSSPQPEGLT-----EBEELGSPVSLSPEDIRS 829
QY      836  LRSIQRLPLFQLOKNGWDTM-----GSESEGS 865
DB      830  LRLQRLFLFWELEKNGWMSLEPRRPTPEONS 864

RESULT 12
US-10-742-372-2
; Sequence 2, Application US/10742372
; Publication No. US20040120899A1
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
;               Springs, Melanie
;               Fanslow, William
; TITLE OF INVENTION: Novel Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESS: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/742,372
; FILING DATE: 18-Dec-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,694
; FILING DATE: 21 MARCH 1996
; APPLICATION NUMBER: USSN 08/538,765
```


1 FILING DATE: 7 AUGUST 1995
 2 APPLICATION NUMBER: USSS 08/410,535
 3 FILING DATE: 23 MARCH 1995
 4 ATTORNEY/AGENT INFORMATION:
 5 NAME: Perkins, Patricia Anne
 6 REGISTRATION NUMBER: 34,695
 7 REFERENCE/DOCKET NUMBER: 2617-B
 8 TELECOMMUNICATION INFORMATION:
 9 TELEPHONE: (206) 587-0430
 10 TELEFAX: (206)
 11 INFORMATION FOR SEQ ID NO: 2:
 12 SEQUENCE CHARACTERISTICS:
 13 LENGTH: 864 amino acids
 14 TYPE: amino acid
 15 TOPOLOGY: linear
 16 MOLECULE TYPE: protein
 17 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 18 IS-10-742-372-2

Query Match	65.5%;	Score 3042.5;	DB 16;	Length 864;
Best Local Similarity	67.9%;	Pred. No. 6.4e-234;		
Matches 594;	Conservative 84;	Mismatches 176;	Indels 21;	Gaps 9

[illegible]

Db	717	ILCLPDSDDLPL-CSTPMMSPDHLCQGAREQLEIMLSTVQGSLSGQPLSWRPPEVL	775
Qy	776	TDHTHYEEBROSQVSDGYSIRSSPPPGSLTMELEEEEDDPKGLPLPSPELES	835
Db	776	-ECTSTSEEEQSQVSDGYSIRSSPPPEMLT-----EEBELLEGPVSLSPLELRS	829
Qy	836	LRLSLQQLLFRQLQKNSGWTM-----GSESGPS	865
Db	830	LRLQLQQLFWLELEKKNPGMNSLEPRPPEEONPS	864

RESULT 13
US-09-854-280-15
Semenza is Application US/09854280

Patent No. US20020052027A1
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.

```

, FILE REFERENCE: P1381R1C2
, CURRENT APPLICATION NUMBER: US/09/854,280
, CURRENT FILING DATE: 2001-05-10
, PRIOR APPLICATION NUMBER: US 09/311,832
, PRIOR FILING DATE: 1999-05-14
, PRIOR APPLICATION NUMBER: US 60/085,579
, PRIOR FILING DATE: 1998-05-15
, PRIOR APPLICATION NUMBER: US 60/113,621
, PRIOR FILING DATE: 1998-12-23
, NUMBER OF SEQ ID NOS: 26
, SEQ ID NO 15
, LENGTH: 320
, TYPE: PRT
, ORGANISM: Homo sapiens
US-09-854-280-15

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Query Match	38.0%;	Score 1764;	DB 9;	Length 320;
Best Local Similarity	100.0%;	Pred. No. 2,8e-112;		
Matches 320;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
Qy	1	MGAAARPAPVPPRLIGLIIILLGLYLANGASLYLRRLRAIVCSOPGINTCVKNSCTLCD	60	
Db	1	MGAAARPAPVPPRLIGLIIILLGLYLANGASLYLRRLRAIVCSOPGINTCVKNSCTLCD	60	
Qy	61	SWIHPNRLFPSSPKDQIQIQLFPAHQOQDLPFVAHIEMTLQTDASITLYEGAEISVQLN	120	
Db	61	SWIHPNRLFPSSPKDQIQIQLFPAHQOQDLPFVAHIEMTLQTDASITLYEGAEISVQLN	120	
Qy	121	TNERLCVREPEFLSKLRHHRRWRFTFSHFVVDPDQYEVTVAHLLPKRPIPDGDPNHOSKNF	180	
Db	121	TNERLCVREPEFLSKLRHHRRWRFTFSHFVVDPDQYEVTVAHLLPKRPIPDGDPNHOSKNF	180	
Qy	181	LVDPDCEHAARKYTPPCMGSSGLMDPNITVETLEAQLPVSEFTLNNBSHYQIILLTSFPHM	240	
Db	181	LVDPDCEHAARKYTPPCMGSSGLMDPNITVETLEAQLPVSEFTLNNBSHYQIILLTSFPHM	240	
Qy	241	ENHSCEFHMHMILAPRPEEFHORSNVTLTLRLKQCCRHQVQIQIPFSSCLINDCLRSAT	300	
Db	241	ENHSCEFHMHMILAPRPEEFHORSNVTLTLRLKQCCRHQVQIQIPFSSCLINDCLRSAT	300	
Qy	301	VSCPEMDPTPEPIPDYMLM	320	
Db	301	VSCPEMDPTPEPIPDYMLM	320	

RESULT 14
US-09-854-208-15
; Sequence 15, Application US/09854208
; Patent No. US20020106743A1
; GENERAL INFORMATION:

APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: P1381-RI
CURRENT APPLICATION NUMBER: US/09/854,208
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US/09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 60/113,621
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 15
LENGTH: 320
TYPE: PRT
ORGANISM: Homo sapiens
US-09-854-208-15

Query Match 38.0%; Score 1764; DB 9; Length 320;
Best Local Similarity 100.0%; Pred. No. 2.8e-132;
Matches 320; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPILGLILLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
DB 1 MGAARSPSAVPGPILGLILLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLPFVAHIEMTLQTDASILYLEGAEISVLQIN 120
DB 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLPFVAHIEMTLQTDASILYLEGAEISVLQIN 120
QY 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVHLLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVHLLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHQRSNVTLTLNLKGCCHQVOIQPFSSCLNDCIHRHSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHQRSNVTLTLNLKGCCHQVOIQPFSSCLNDCIHRHSAT 300
QY 301 VSCPEMPDTPPEIPDYMPLM 320
DB 301 VSCPEMPDTPPEIPDYMPLM 320

RESULT 15
US-09-854-280-22
Sequence 22, Application US/09854280
Patent No. US20020052027A1
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
FILE REFERENCE: P1381RI2
CURRENT APPLICATION NUMBER: US/09/854,280
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 60/113,621

PRIOR FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 22
LENGTH: 328
TYPE: PRT
ORGANISM: Homo sapiens
US-09-854-280-22

Query Match 38.0%; Score 1764; DB 9; Length 328;
Best Local Similarity 100.0%; Pred. No. 2.9e-132;
Matches 320; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPILGLILLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
DB 1 MGAARSPSAVPGPILGLILLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLPFVAHIEMTLQTDASILYLEGAEISVLQIN 120
DB 61 SWIHRNLTPSSPKDQIQLFHFAHQGDLPFVAHIEMTLQTDASILYLEGAEISVLQIN 120
QY 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVHLLPKPIPDGDPNHQSKNF 180
DB 121 TNERLCVAFPEFLSKLRHHRRWRFTFSHFVVDPOEYEVTVHLLPKPIPDGDPNHQSKNF 180
QY 181 LVPDCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSFPHM 240
DB 181 LVPDCEHARMKVTTPCMSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSFPHM 240
QY 241 ENHSCFEHMHIIIPARPEEFHQRSNVTLTLNLKGCCHQVOIQPFSSCLNDCIHRHSAT 300
DB 241 ENHSCFEHMHIIIPARPEEFHQRSNVTLTLNLKGCCHQVOIQPFSSCLNDCIHRHSAT 300
QY 301 VSCPEMPDTPPEIPDYMPLM 320
DB 301 VSCPEMPDTPPEIPDYMPLM 320

Search completed: September 12, 2005, 07:12:40
Job time : 1295 secs

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OM protein - protein search, using bw model

Run on: September 12, 2005, 06:50:56 ; Search time 43 Seconds
(without alignments)
1503.397 Million cell updates/sec

Title: US-09-488-728-4
Perfect score: 4643
Sequence: 1 MGARSPSPVAPGLGLL.....QLQKSGMDTMSSEGPSA 866

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep.*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep.*
5: /cgn2_6/ptodata/1/1aa/PTUS.COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4643	100.0	866	2	US-08-620-694A-10 Sequence 10, Appl
2	4643	100.0	866	3	US-09-022-255-10 Sequence 10, Appl
3	4643	100.0	866	3	US-09-022-255-10 Sequence 10, Appl
4	4643	100.0	866	3	US-08-978-773-4 Sequence 4, Appl
5	4643	100.0	866	3	US-09-022-253-10 Sequence 10, Appl
6	4643	100.0	866	3	US-09-022-260-10 Sequence 10, Appl
7	4643	100.0	866	3	US-09-022-259-10 Sequence 10, Appl
8	4643	100.0	866	3	US-09-022-257-10 Sequence 10, Appl
9	4643	100.0	866	4	US-09-549-679-10 Sequence 10, Appl
10	4643	100.0	866	4	US-10-033-522-1 Sequence 1, Appl
11	3042.5	65.5	864	2	US-08-620-694A-2 Sequence 2, Appl
12	3042.5	65.5	864	3	US-09-022-255-2 Sequence 2, Appl
13	3042.5	65.5	864	3	US-09-022-696-2 Sequence 2, Appl
14	3042.5	65.5	864	3	US-08-978-773-2 Sequence 2, Appl
15	3042.5	65.5	864	3	US-09-022-253-2 Sequence 2, Appl
16	3042.5	65.5	864	3	US-09-022-250-2 Sequence 2, Appl
17	3042.5	65.5	864	3	US-09-022-259-2 Sequence 2, Appl
18	3042.5	65.5	864	3	US-09-022-257-2 Sequence 2, Appl
19	3042.5	65.5	864	4	US-09-549-679-2 Sequence 2, Appl
20	432	9.3	504	4	US-09-949-016-11658 Sequence 11658, A
21	426	9.2	502	4	US-09-747-259-12 Sequence 12, Appl
22	426	9.2	502	4	US-09-816-744-12 Sequence 12, Appl
23	373	8.0	426	4	US-09-268-311-2 Sequence 2, Appl
24	373	8.0	426	4	US-09-268-311-3 Sequence 2, Appl
25	373	8.0	426	4	US-09-154-219-2 Sequence 2, Appl
26	373	8.0	426	4	US-09-154-219-3 Sequence 3, Appl
27	373	8.0	426	4	US-09-949-016-6936 Sequence 6936, Ap

28	373	8.0	433	4	US-09-268-311-18 Sequence 18, Appl
29	339	7.3	385	4	US-09-599-360B-106 Sequence 106, App
30	327.5	7.1	728	4	US-09-747-259-18 Sequence 18, Appl
31	327.5	7.1	728	4	US-09-816-744-18 Sequence 26, Appl
32	178	3.8	34	4	US-09-028-937-26 Sequence 14, Appl
33	173.5	3.7	705	4	US-09-747-259-14 Sequence 14, Appl
34	173.5	3.7	705	4	US-09-816-744-14 Sequence 14, Appl
35	141	3.0	617	3	US-09-188-930-303 Sequence 303, App
36	141	3.0	617	4	US-09-312-283C-303 Sequence 16, Appl
37	137	3.0	667	4	US-09-747-259-16 Sequence 16, Appl
38	137	3.0	667	4	US-08-574-959A-7 Sequence 7, Appl
39	131.5	2.8	1135	2	US-08-357-014-7 Sequence 9, Appl
40	131.5	2.8	1135	3	US-09-357-014-9 Sequence 9, Appl
41	131	2.8	905	2	US-08-574-959A-9 Sequence 9, Appl
42	131	2.8	905	3	US-09-357-014-9 Sequence 9, Appl
43	126.5	2.7	1317	3	US-09-083-521-7 Sequence 7, Appl
44	124	2.7	1740	4	US-09-377-285B-40 Sequence 40, Appl
45	123	2.6	1560	4	US-09-264-512B-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-620-694A-10
: Sequence 10, Application US/08620694A
: Patent No. 5869286
: GENERAL INFORMATION:
: APPLICANT: Yao, Zhengbin
: APPLICANT: Spriggs, Melanie
: APPLICANT: Fanslow, William
: TITLE OF INVENTION: No. 5869286el Receptor That Binds IL-17
: NUMBER OF SEQUENCES: 10
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Immunex Corporation
: STREET: 51 University Street
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98101
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: Apple Power Macintosh
: OPERATING SYSTEM: Apple Operating System 7.5.5
: SOFTWARE: Microsoft Word for Apple, Version 6.0.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/620,694A
: FILING DATE: 21 MARCH 1996
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US98 08/538,765
: FILING DATE: 7 AUGUST 1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: USSN 08/410,535
: FILING DATE: 23 MARCH 1995
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Perkins, Patricia Anne
: REGISTRATION NUMBER: 34,695
: REFERENCE/DOCKET NUMBER: 2617-B
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206)567-0430
: TELEFAX: (206)
: INFORMATION FOR SEQ ID NO: 10:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 866 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-620-694A-10
Query Match 100.0%; Score 4643; DB 2; Length 866;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MGAA	SPSA	AVGP	PLGL	GLLL	LLGL	VLAP	GSAL	RLDL	HRAL	VCSP	GLNCTV	KNS	STC	LD	60		
DB	1	MGAA	SPSA	AVGP	PLGL	GLLL	LLGL	VLAP	GSAL	RLDL	HRAL	VCSP	GLNCTV	KNS	STC	LD	60		
QY	61	SWI	HRNL	TPSS	PKDL	QQLH	FAHT	QOGL	FPVA	HI	EWTL	QTDAS	ILV	EGAE	LS	VLQ	120		
DB	61	SWI	HRNL	TPSS	PKDL	QQLH	FAHT	QOGL	FPVA	HI	EWTL	QTDAS	ILV	EGAE	LS	VLQ	120		
QY	121	TNER	LCV	FEFL	SKLR	HHRR	RWRFT	FSHF	VVD	PD	QEV	YVTH	LKPI	PDG	PNQ	SNF	180		
DB	121	TNER	LCV	FEFL	SKLR	HHRR	RWRFT	FSHF	VVD	PD	QEV	YVTH	LKPI	PDG	PNQ	SNF	180		
QY	181	LVP	CEH	ARMK	VTT	PC	SSGL	MD	PNIT	VE	TL	EA	QL	RV	SFTL	WN	STHYQ	240	
DB	181	LVP	CEH	ARMK	VTT	PC	SSGL	MD	PNIT	VE	TL	EA	QL	RV	SFTL	WN	STHYQ	240	
QY	241	ENH	SCF	EH	MHI	PAP	REE	FQ	RS	NVT	LT	RL	KG	CC	HQ	VO	IQ	PFSS	300
DB	241	ENH	SCF	EH	MHI	PAP	REE	FQ	RS	NVT	LT	RL	KG	CC	HQ	VO	IQ	PFSS	300
QY	301	VSC	PE	MDT	PE	PI	PD	YML	WY	FT	IG	IS	IL	VS	VI	IL	IC	MT	360
DB	301	VSC	PE	MDT	PE	PI	PD	YML	WY	FT	IG	IS	IL	VS	VI	IL	IC	MT	360
QY	361	YTD	GL	P	AD	L	P	PK	PK	W	I	Y	S	AD	H	P	L	V	420
DB	361	YTD	GL	P	AD	L	P	PK	PK	W	I	Y	S	AD	H	P	L	V	420
QY	421	SE	AG	MT	W	G	R	O	K	O	E	M	E	S	N	S	K	I	480
DB	421	SE	AG	MT	W	G	R	O	K	O	E	M	E	S	N	S	K	I	480
QY	481	A	A	M	N	I	L	P	D	F	K	R	P	A	C	F	G	T	540
DB	481	A	A	M	N	I	L	P	D	F	K	R	P	A	C	F	G	T	540
QY	541	M	F	O	P	R	M	R	V	G	E	L	S	G	D	N	T	R	600
DB	541	M	F	O	P	R	M	R	V	G	E	L	S	G	D	N	T	R	600
QY	601	L	D	E	E	V	F	E	E	P	L	P	G	T	I	V	R	A	660
DB	601	L	D	E	E	V	F	E	E	P	L	P	G	T	I	V	R	A	660
QY	661	A	P	O	P	L	H	T	L	V	A	E	B	G	A	L	V	A	720
DB	661	A	P	O	P	L	H	T	L	V	A	E	B	G	A	L	V	A	720
QY	721	V	D	P	E	S	P	L	S	S	T	P	M	A	S	P	L	L	780
DB	721	V	D	P	E	S	P	L	S	S	T	P	M	A	S	P	L	L	780
QY	781	P	Y	E	E	R	O	R	O	S	V	O	S	D	O	G	I	S	840
DB	781	P	Y	E	E	R	O	R	O	S	V	O	S	D	O	G	I	S	840
QY	841	R	O	L	L	F	R	O	L	O	K	N	S	G	M	D	T	M	866
DB	841	R	O	L	L	F	R	O	L	O	K	N	S	G	M	D	T	M	866

RESULT 2
US-09-022-255-10
; Sequence 10, Application US/09022255
; Patent No. 6072033
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spilgus, Melanie
; APPLICANT: Fanslow, William
; TITLE OF INVENTION: No. 6072033el Receptor That Binds IL-17

NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,255
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USN 08/538,765
FILING DATE: 7 AUGUST 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-255-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MGAA	SPSA	AVGP	PLGL	GLLL	LLGL	VLAP	GSAL	RLDL	HRAL	VCSP	GLNCTV	KNS	STC	LD	60		
DB	1	MGAA	SPSA	AVGP	PLGL	GLLL	LLGL	VLAP	GSAL	RLDL	HRAL	VCSP	GLNCTV	KNS	STC	LD	60		
QY	61	SWI	HRNL	TPSS	PKDL	QQLH	FAHT	QOGL	FPVA	HI	EWTL	QTDAS	ILV	EGAE	LS	VLQ	120		
DB	61	SWI	HRNL	TPSS	PKDL	QQLH	FAHT	QOGL	FPVA	HI	EWTL	QTDAS	ILV	EGAE	LS	VLQ	120		
QY	121	TNER	LCV	FEFL	SKLR	HHRR	RWRFT	FSHF	VVD	PD	QEV	YVTH	LKPI	PDG	PNQ	SNF	180		
DB	121	TNER	LCV	FEFL	SKLR	HHRR	RWRFT	FSHF	VVD	PD	QEV	YVTH	LKPI	PDG	PNQ	SNF	180		
QY	181	LVP	CEH	ARMK	VTT	PC	SSGL	MD	PNIT	VE	TL	EA	QL	RV	SFTL	WN	STHYQ	240	
DB	181	LVP	CEH	ARMK	VTT	PC	SSGL	MD	PNIT	VE	TL	EA	QL	RV	SFTL	WN	STHYQ	240	
QY	241	ENH	SCF	EH	MHI	PAP	REE	FQ	RS	NVT	LT	RL	KG	CC	HQ	VO	IQ	300	
DB	241	ENH	SCF	EH	MHI	PAP	REE	FQ	RS	NVT	LT	RL	KG	CC	HQ	VO	IQ	300	
QY	301	VSC	PE	MDT	PE	PI	PD	YML	WY	FT	IG	IS	IL	VS	VI	IL	IC	360	
DB	301	VSC	PE	MDT	PE	PI	PD	YML	WY	FT	IG	IS	IL	VS	VI	IL	IC	360	
QY	361	YTD	GL	P	AD	L	P	PK	PK	W	I	Y	S	AD	H	P	L	420	
DB	361	YTD	GL	P	AD	L	P	PK	PK	W	I	Y	S	AD	H	P	L	420	
QY	421	SE	AG	MT	W	G	R	O	K	O	E	M	E	S	N	S	K	I	480

Db 421 SEAGVMTWVGROKQEMWESNSKIIVLCSRGTRAKQALLGGAIVRLCDHGKPVGDLFT 480
Qy 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDDVDVLDLFGAARYPLMDRFEVYRIODLE 540
Db 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDDVDVLDLFGAARYPLMDRFEVYRIODLE 540
Qy 541 MFQGRMHVRVGLSGDNYLRSFGGRQLRAALDRFRDQVRCPDWFECECNLYSADDDAPS 600
Db 541 MFQGRMHVRVGLSGDNYLRSFGGRQLRAALDRFRDQVRCPDWFECECNLYSADDDAPS 600
Qy 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQP 660
Db 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQP 660
Qy 661 APOPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Db 661 APOPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Qy 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAGGCSRPAWVLTDPHT 780
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAGGCSRPAWVLTDPHT 780
Qy 781 PYEEORQSVSDGYSIRSSPOPEEGJTEMEEBEEDODPKPALPLSPEDLESLSLQ 840
Db 781 PYEEORQSVSDGYSIRSSPOPEEGJTEMEEBEEDODPKPALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKNSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKNSGMDTWGSESEGPSA 866

RESULT 3

US-09-022-696-10
Sequence 10, Application US/09022696
Patent No. 6072037
GENERAL INFORMATION:
APPLICANT: Yao, Zhenbin
APPLICANT: Fanliow, William
TITLE OF INVENTION: No. 6072037e1 Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,696
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/620,694
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-696-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGAARSPSAVPGVLLGLLLGLLVLA PGASRLDLHRAVCSQPGINCTVKNSTCIDD 60
Db 1 MGAARSPSAVPGVLLGLLLGLLVLA PGASRLDLHRAVCSQPGINCTVKNSTCIDD 60
Qy 61 SWIHRNLTPSSPDLOIQLFHATQOQDLFPVAHIETLTOTDASILYBGAELSVQLN 120
Db 61 SWIHRNLTPSSPDLOIQLFHATQOQDLFPVAHIETLTOTDASILYBGAELSVQLN 120
Qy 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
Db 121 TNERLCVRFELSLRHHHRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
Qy 181 LVDPCEHARMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSFPHM 240
Db 181 LVDPCEHARMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYQILLTSFPHM 240
Qy 241 ENHSCFEHMHIPAPRBEFHQRNSVTLTLNLRKGCCHQVQIOPFSSCLNDCIRSAT 300
Db 241 ENHSCFEHMHIPAPRBEFHQRNSVTLTLNLRKGCCHQVQIOPFSSCLNDCIRSAT 300
Qy 301 VSCPEMDTPERIDWYPMWYWFITGISILVGSVILLVCMWRLAGPSEKSDDTK 360
Db 301 VSCPEMDTPERIDWYPMWYWFITGISILVGSVILLVCMWRLAGPSEKSDDTK 360
Qy 361 YTDGLPADLIPPLKPRKWI IYSADHPLVYDVVLKFAQELTACGTEVALDLLEQAI 420
Db 361 YTDGLPADLIPPLKPRKWI IYSADHPLVYDVVLKFAQELTACGTEVALDLLEQAI 420
Qy 421 SEAGVMTWVGROKQEMWESNSKIIVLCSRGTRAKQALLGGAIVRLCDHGKPVGDLFT 480
Db 421 SEAGVMTWVGROKQEMWESNSKIIVLCSRGTRAKQALLGGAIVRLCDHGKPVGDLFT 480
Qy 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDDVDVLDLFGAARYPLMDRFEVYRIODLE 540
Db 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDDVDVLDLFGAARYPLMDRFEVYRIODLE 540
Qy 541 MFQGRMHVRVGLSGDNYLRSFGGRQLRAALDRFRDQVRCPDWFECECNLYSADDDAPS 600
Db 541 MFQGRMHVRVGLSGDNYLRSFGGRQLRAALDRFRDQVRCPDWFECECNLYSADDDAPS 600
Qy 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQP 660
Db 601 LDEEVFEERPLPFGTGIYKRALVREPGSQACLAIDPLVGEEGAANAVALKLEPHLOPRQP 660
Qy 661 APOPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Db 661 APOPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEGACPLLSPGAGRNSVFLP 720
Qy 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAGGCSRPAWVLTDPHT 780
Db 721 VDPEDSPGSSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAGGCSRPAWVLTDPHT 780
Qy 781 PYEEORQSVSDGYSIRSSPOPEEGJTEMEEBEEDODPKPALPLSPEDLESLSLQ 840
Db 781 PYEEORQSVSDGYSIRSSPOPEEGJTEMEEBEEDODPKPALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKNSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKNSGMDTWGSESEGPSA 866

RESULT 4
US-08-978-773-4
Sequence 4, Application US/08978773
Patent No. 6083906
GENERAL INFORMATION:
APPLICANT: Trout, Anthony
TITLE OF INVENTION: Method of Regulating Nitric Oxide Production
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple PowerMacintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for PowerMacintosh, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/978,773
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/052,525
FILING DATE: 27 NOVEMBER 1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2623-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-978-773-4
Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MGAASPPSAVDPGLIGLLILGLVLAFCGASLRLLDHRALVCSQPGINCTVKNSTCILD 60
DB 1 MGAASPPSAVDPGLIGLLILGLVLAFCGASLRLLDHRALVCSQPGINCTVKNSTCILD 60
QY 61 SWIHRNLTPSSPKQLQIQLHFAHQOQGLFPVAHIEWLQTDASILYLEGELSVLQIN 120
DB 61 SWIHRNLTPSSPKQLQIQLHFAHQOQGLFPVAHIEWLQTDASILYLEGELSVLQIN 120
QY 121 TNERLCVREPFESKLRHHRMRFTFSHFVNDPOGEYEVYVHLPKPIPDGDPNHSKNF 180
DB 121 TNERLCVREPFESKLRHHRMRFTFSHFVNDPOGEYEVYVHLPKPIPDGDPNHSKNF 180
QY 181 LVPDCEHAKMKTTPCMSSGSLMDPNITVETLEAQLRVSFTLMNESTHYQILLTSPFM 240
DB 181 LVPDCEHAKMKTTPCMSSGSLMDPNITVETLEAQLRVSFTLMNESTHYQILLTSPFM 240
QY 241 ENHSCFEHNNHTPARPEEFHORSNTVTLRLNLKGCRCRQVOIOFPFSSCLNDCRHSAT 300
DB 241 ENHSCFEHNNHTPARPEEFHORSNTVTLRLNLKGCRCRQVOIOFPFSSCLNDCRHSAT 300
QY 301 VSCPEMPDTPERIPIPMPLMVMFTGISILVGSVILLIVCMTRLAGSGSEKSDPTK 360
DB 301 VSCPEMPDTPERIPIPMPLMVMFTGISILVGSVILLIVCMTRLAGSGSEKSDPTK 360
QY 361 YTDGLPAADLIPPLKPRKRWIIYSADHPLVYDVVLKFAQFLTLTACGTEVALDLLBEQAI 420

DB 361 YTDGLPAADLIPPLKPRKRWIIYSADHPLVYDVVLKFAQFLTLTACGTEVALDLLBEQAI 420
QY 421 SEAGVMTWVGQKQEMWESNSKIIVLCGRGTRAKQALLGSGAPVRLACDHGKPVGDLFT 480
DB 421 SEAGVMTWVGQKQEMWESNSKIIVLCGRGTRAKQALLGSGAPVRLACDHGKPVGDLFT 480
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DB 481 AAMNNILPDFRPAKCFGYVVCYFSEVSCDDQVDFLFGAARVPAMDREFEVYFRIQDLE 540
QY 541 MFOGRMRVGBLSGDNVLRSPGGRQVLAALDRPDWQVRCPDMECENTYSADQDAPS 600
DB 541 MFOGRMRVGBLSGDNVLRSPGGRQVLAALDRPDWQVRCPDMECENTYSADQDAPS 600
QY 601 LDEVFEEBPLPFGIGIYKAPLVREBSSQCLADPLVGEEGGAAYAKLEBHLQPRQP 660
DB 601 LDEVFEEBPLPFGIGIYKAPLVREBSSQCLADPLVGEEGGAAYAKLEBHLQPRQP 660
QY 661 APOPLHTVLAAEGALVAAVEPGPLADGAIVRLALAGEBACPLLSGPGAGRNSVLP 720
DB 661 APOPLHTVLAAEGALVAAVEPGPLADGAIVRLALAGEBACPLLSGPGAGRNSVLP 720
QY 721 VDPEDSPGSSTPMASPDLPEDVREHLEGLMLSLFEQSLSCQAGGCSRPAMVLTDPHT 780
DB 721 VDPEDSPGSSTPMASPDLPEDVREHLEGLMLSLFEQSLSCQAGGCSRPAMVLTDPHT 780
QY 781 PYEBQRQSVSDQGYISRSSPOPEEGITMEEBEERODGKRALPLSPDLESLRLQ 840
DB 781 PYEBQRQSVSDQGYISRSSPOPEEGITMEEBEERODGKRALPLSPDLESLRLQ 840
QY 841 RQLLFRQLQKNSGMDTMGSESEGPSA 866
DB 841 RQLLFRQLQKNSGMDTMGSESEGPSA 866
RESULT 5
US-09-022-253-10
Sequence 10, Application US/09022253
Patent No. 6096305
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 6096305e1 Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,253
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694
FILING DATE: 21-MARCH-1996
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne

REGISTRATION NUMBER: 34,695
 REFERENCE/DOCKET NUMBER: 2617-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEFAX: (206)
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 866 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-022-253-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLLLLLGLVLA PGASLRLLDHRALVCSQPGINCTVKNSTCIDD 60
 DB 1 MGAARSPSAVPGPLGLLLLLGLVLA PGASLRLLDHRALVCSQPGINCTVKNSTCIDD 60
 QY 61 SWHPRNLTPSSPKDLQIQHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 DB 61 SWHPRNLTPSSPKDLQIQHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 QY 121 TNERLCVRFEFSLRLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 DB 121 TNERLCVRFEFSLRLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 QY 181 LVDPCEHARKMKTTPCMSSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240
 DB 181 LVDPCEHARKMKTTPCMSSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240
 QY 241 ENHSCFEHMHIPAPRPEEFQRSNVTLTENLKGCCHQVQIQPFSSCLNDCLRISAT 300
 DB 241 ENHSCFEHMHIPAPRPEEFQRSNVTLTENLKGCCHQVQIQPFSSCLNDCLRISAT 300
 QY 301 VSCHEMPTPEPIPDYPMVYWFITGISILVGSVILLICMTMRLAGPSEKXSDDTK 360
 DB 301 VSCHEMPTPEPIPDYPMVYWFITGISILVGSVILLICMTMRLAGPSEKXSDDTK 360
 QY 361 YTDGLPAADLIPPLKPRKWIIVYSADHPLVYDVVLEKFAQLLTACGTEVALDLLEQAI 420
 DB 361 YTDGLPAADLIPPLKPRKWIIVYSADHPLVYDVVLEKFAQLLTACGTEVALDLLEQAI 420
 QY 421 SEAGVMTWVGKQKQBMVESNSKIIVLCSRGTRAKQALLGGAIVRLRCDHGKVGDLFT 480
 DB 421 SEAGVMTWVGKQKQBMVESNSKIIVLCSRGTRAKQALLGGAIVRLRCDHGKVGDLFT 480
 QY 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDGDVDPDLEGAARYPLMDRFEVYFRIDOLE 540
 DB 481 AAMMMIIPDFKRPACFGTYVVCYSEVSCDGDVDPDLEGAARYPLMDRFEVYFRIDOLE 540
 QY 541 MFOGMRHVRGELSGDNYLRSPGGROLRAALDRFDMQVRCDFECENLYSADDOAPS 600
 DB 541 MFOGMRHVRGELSGDNYLRSPGGROLRAALDRFDMQVRCDFECENLYSADDOAPS 600
 QY 601 LDEEVFEERPLLPGGTGIVKRAPLVREPGSQACLAIDPLVSEGGAAVAKLEPHILOPRQOP 660
 DB 601 LDEEVFEERPLLPGGTGIVKRAPLVREPGSQACLAIDPLVSEGGAAVAKLEPHILOPRQOP 660
 QY 661 APOPLHTLVLAEEGALVAAVEPGPLADGAIVRLAAGEGACPLLSRGAGRSVFLP 720
 DB 661 APOPLHTLVLAEEGALVAAVEPGPLADGAIVRLAAGEGACPLLSRGAGRSVFLP 720
 QY 721 VDPEDSPGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQSGSRPAMVLTDPHT 780
 DB 721 VDPEDSPGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQSGSRPAMVLTDPHT 780
 QY 781 PYEEBOROSVSDGCIYRSRSPQPEGLTEMBEEREEQDPGKAPLPLSPEDLSLRSLQ 840
 DB 781 PYEEBOROSVSDGCIYRSRSPQPEGLTEMBEEREEQDPGKAPLPLSPEDLSLRSLQ 840

QY 841 ROLLFRQLQKNSGMDTWGSESEGPSA 866
 DB 841 ROLLFRQLQKNSGMDTWGSESEGPSA 866

RESULT 6
 US-09-022-260-10
 Sequence 10, Application US/09022260
 Patent No. 6100235
 GENERAL INFORMATION:
 APPLICANT: Yao, Zhengbin
 APPLICANT: Sprigow, Melanie
 APPLICANT: Farnlow, William
 TITLE OF INVENTION: No. 6100235el Receptor That Binds IL-17
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Immunex Corporation
 STREET: 51 University Street
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/022,260
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/620,694
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/620,694
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/410,535
 FILING DATE: 23 MARCH 1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,695
 REFERENCE/DOCKET NUMBER: 2617-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEFAX: (206)
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 866 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-022-260-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLGLLLLLGLVLA PGASLRLLDHRALVCSQPGINCTVKNSTCIDD 60
 DB 1 MGAARSPSAVPGPLGLLLLLGLVLA PGASLRLLDHRALVCSQPGINCTVKNSTCIDD 60
 QY 61 SWHPRNLTPSSPKDLQIQHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 DB 61 SWHPRNLTPSSPKDLQIQHFAHQGDLPVVAHIEWTLQTDASILYLBGAELSVQLN 120
 QY 121 TNERLCVRFEFSLRLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 DB 121 TNERLCVRFEFSLRLRHHRRMRFTFSHFVVDPOEYEVTVHHLPKPIPDGDPNHQSKNF 180
 QY 181 LVDPCEHARKMKTTPCMSSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240
 DB 181 LVDPCEHARKMKTTPCMSSGSLMDPNITVETLEAHQLRVSTFLWNSTHYQILLTSPPHM 240

QY 241 ENHSCFEHMHII PAAPREEFHORSNVTLTLRLKGCCHQVOIOPFSSCLNDCLRHSAT 300
| | | | |
Db 241 ENHSCFEHMHII PAAPREEFHORSNVTLTLRLKGCCHQVOIOPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPTPEPIPDYMLVWYFITGISILLVGSVILLIYCMTRLAGPSEKSDPTK 360
| | | | |
Db 301 VSCPEMPTPEPIPDYMLVWYFITGISILLVGSVILLIYCMTRLAGPSEKSDPTK 360
QY 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
| | | | |
Db 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKOEWEVNSKIIYVCSGRTAKMOALLGRGAPVRLRCDHGKPVGDJFT 480
| | | | |
Db 421 SEAGVMTWVGROKOEWEVNSKIIYVCSGRTAKMOALLGRGAPVRLRCDHGKPVGDJFT 480
QY 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVVDLFGAAPPYPLMDREBEVYFRIODLE 540
| | | | |
Db 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVVDLFGAAPPYPLMDREBEVYFRIODLE 540
QY 541 MFQPGMRHVRGELSGDNVLRSPGROLRAALDRFRDMQVRCDFWECENLYSADQODAPS 600
| | | | |
Db 541 MFQPGMRHVRGELSGDNVLRSPGROLRAALDRFRDMQVRCDFWECENLYSADQODAPS 600
QY 601 LDEEVEEBPLLPFGTGIYKRAPLVREBPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGQP 660
| | | | |
Db 601 LDEEVEEBPLLPFGTGIYKRAPLVREBPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGQP 660
QY 661 APOPLHTLVLAABEGALVAAVEBGPPLADGAAVRLALAGEGAACPLGSPGAGRNSVFLP 720
| | | | |
Db 661 APOPLHTLVLAABEGALVAAVEBGPPLADGAAVRLALAGEGAACPLGSPGAGRNSVFLP 720
QY 721 VBPESPLGSSTPMASPDLLPBDVREHLEGLMLSLFEOGLSCQAQGGCRPMVLTDPRT 780
| | | | |
Db 721 VBPESPLGSSTPMASPDLLPBDVREHLEGLMLSLFEOGLSCQAQGGCRPMVLTDPRT 780
QY 781 PVEEEROSVQDOGYISRSSPOPEGLTEMEEEEBEEDPGKPALPLSPEDLESRLSQ 840
| | | | |
Db 781 PVEEEROSVQDOGYISRSSPOPEGLTEMEEEEBEEDPGKPALPLSPEDLESRLSQ 840
QY 841 ROLLFRQLOKNSGMDTMSSESGPSA 866
| | | | |
Db 841 ROLLFRQLOKNSGMDTMSSESGPSA 866

RESULT 7
US-09-022-259-10
/ Sequence 10, Application US/09022259
/ Patent No. 6191104
/ GENERAL INFORMATION:
/ APPLICANT: Yao, Zhengbin
/ APPLICANT: Spriggs, Melanie
/ APPLICANT: Fanielow, William
/ TITLE OF INVENTION: No. 6191104e1 Receptor That Binds IL-17
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Immunex Corporation
/ STREET: 51 University Street
/ CITY: Seattle
/ STATE: WA
/ COUNTRY: US
/ ZIP: 98101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: Apple Power Macintosh
/ SOFTWARE: Microsoft Word for Apple, Version 6.0.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/022,259
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/620,694
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-259-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGAARSPSAVPGPLIGLILLGLVLAAGSALRLDHRALVCSQPGINCTVKNSTCDD 60
| | | | |
Db 1 MGAARSPSAVPGPLIGLILLGLVLAAGSALRLDHRALVCSQPGINCTVKNSTCDD 60
QY 61 SWIHRNLTSPSSPDLOQLHFAHTQGDLPVVAHIEWTLQTDASILYBEGALSVLQIN 120
| | | | |
Db 61 SWIHRNLTSPSSPDLOQLHFAHTQGDLPVVAHIEWTLQTDASILYBEGALSVLQIN 120
QY 121 TNERLCVPEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNQSINF 180
| | | | |
Db 121 TNERLCVPEFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGDPNQSINF 180
QY 181 LVDPCEHARMKVTTPCMSSGLMDPNITVETLEAHQALVSTLIMNETHYQILTSPPHM 240
| | | | |
Db 181 LVDPCEHARMKVTTPCMSSGLMDPNITVETLEAHQALVSTLIMNETHYQILTSPPHM 240
QY 241 ENHSCFEHMHII PAAPREEFHORSNVTLTLRLKGCCHQVOIOPFSSCLNDCLRHSAT 300
| | | | |
Db 241 ENHSCFEHMHII PAAPREEFHORSNVTLTLRLKGCCHQVOIOPFSSCLNDCLRHSAT 300
QY 301 VSCPEMPTPEPIPDYMLVWYFITGISILLVGSVILLIYCMTRLAGPSEKSDPTK 360
| | | | |
Db 301 VSCPEMPTPEPIPDYMLVWYFITGISILLVGSVILLIYCMTRLAGPSEKSDPTK 360
QY 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
| | | | |
Db 361 YTDGLPADLIPPLKPKRWIITISADHPLVYDVVLKFAOFLITACGTEVALDLLEBOAI 420
QY 421 SEAGVMTWVGROKOEWEVNSKIIYVCSGRTAKMOALLGRGAPVRLRCDHGKPVGDJFT 480
| | | | |
Db 421 SEAGVMTWVGROKOEWEVNSKIIYVCSGRTAKMOALLGRGAPVRLRCDHGKPVGDJFT 480
QY 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVVDLFGAAPPYPLMDREBEVYFRIODLE 540
| | | | |
Db 481 AAMNMILPDKRPAFCGTYVVCYFSEVSCDGDVVDLFGAAPPYPLMDREBEVYFRIODLE 540
QY 541 MFQPGMRHVRGELSGDNVLRSPGROLRAALDRFRDMQVRCDFWECENLYSADQODAPS 600
| | | | |
Db 541 MFQPGMRHVRGELSGDNVLRSPGROLRAALDRFRDMQVRCDFWECENLYSADQODAPS 600
QY 601 LDEEVEEBPLLPFGTGIYKRAPLVREBPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGQP 660
| | | | |
Db 601 LDEEVEEBPLLPFGTGIYKRAPLVREBPSQACLAIDPLVGBEGGAAVAKLEPHLOPRGQP 660
QY 661 APOPLHTLVLAABEGALVAAVEBGPPLADGAAVRLALAGEGAACPLGSPGAGRNSVFLP 720
| | | | |
Db 661 APOPLHTLVLAABEGALVAAVEBGPPLADGAAVRLALAGEGAACPLGSPGAGRNSVFLP 720

Qy 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGSSRPAMVLTDPHT 780
Db 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGSSRPAMVLTDPHT 780
Qy 781 PYEEORQOSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Db 781 PYEEORQOSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKXSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKXSGMDTWGSESEGPSA 866

RESULT 8
US-09-022-257-10
; Sequence 10, Application US/09022257
; Patent No. 6197525
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spriggs, Melanie
; APPLICANT: Panislow, William
; TITLE OF INVENTION: No. 6197525el Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/022,257
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/620,694
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 866 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-022-257-10

Query Match 100.0%; Score 4643; DB 3; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGAASPPSAVPGGLLGLLLGLTLAGGASIRLLDRALVCSQPGNCTVKNSTCDD 60
Db 1 MGAASPPSAVPGGLLGLLLGLTLAGGASIRLLDRALVCSQPGNCTVKNSTCDD 60
Qy 61 SWIHRNLTSSPKDLQIQLHFAHTQGDLPFVAHIEMTLQTDASILYLEGAEISVLQIN 120

Db 61 SWIHRNLTSSPKDLQIQLHFAHTQGDLPFVAHIEMTLQTDASILYLEGAEISVLQIN 120
Qy 121 TNERLCYRFEFLSKLRHHRMRPFTFSHPYVDPQOEYEVTHLPKPIPGDPMHOSKNF 180
Db 121 TNERLCYRFEFLSKLRHHRMRPFTFSHPYVDPQOEYEVTHLPKPIPGDPMHOSKNF 180
Qy 181 LVDPCEHARKKVTTPCMSSGLMDPNITVETLEAHQLRVSPFTLWNESTHYQIILTSPPHM 240
Db 181 LVDPCEHARKKVTTPCMSSGLMDPNITVETLEAHQLRVSPFTLWNESTHYQIILTSPPHM 240
Qy 241 ENHSCFEHMHIIIPAPRPEEFHOSANTLTIRNLKGCRRHOVOLOPFSSCLNDCLRSAT 300
Db 241 ENHSCFEHMHIIIPAPRPEEFHOSANTLTIRNLKGCRRHOVOLOPFSSCLNDCLRSAT 300
Qy 301 VSCPEMDTPEPIPDYPLWYWFITGISILVGSVILLIVCMWIRLAGPSEKYSDDTK 360
Db 301 VSCPEMDTPEPIPDYPLWYWFITGISILVGSVILLIVCMWIRLAGPSEKYSDDTK 360
Qy 361 YTDGLPAADLIPPLKPKRWIYISADHPLYVDVLFKAQFLTACGTEVALDLLEQAI 420
Db 361 YTDGLPAADLIPPLKPKRWIYISADHPLYVDVLFKAQFLTACGTEVALDLLEQAI 420
Qy 421 SEAGVMTWVGROKQEMVENSKIIVLCRGTAKWQALLRGAPVRLRCDHGRVGLFT 480
Db 421 SEAGVMTWVGROKQEMVENSKIIVLCRGTAKWQALLRGAPVRLRCDHGRVGLFT 480
Qy 481 AAMMMIIPDFKRPACFGTYVVCYFSEVSCDGDVLDLFGAAPRYPLMDRFEVYFRIDLE 540
Db 481 AAMMMIIPDFKRPACFGTYVVCYFSEVSCDGDVLDLFGAAPRYPLMDRFEVYFRIDLE 540
Qy 541 MFOGRMHRVGLSGDNYLRSFGGRQLRAALDRFRDMQVRCFDMFECENTYSADODAPS 600
Db 541 MFOGRMHRVGLSGDNYLRSFGGRQLRAALDRFRDMQVRCFDMFECENTYSADODAPS 600
Qy 601 LDEEVEFBPLIPGTGIVKAPLVYRPGSQCLALIDPLVGEHGAAYAKLEPHIOPKQP 660
Db 601 LDEEVEFBPLIPGTGIVKAPLVYRPGSQCLALIDPLVGEHGAAYAKLEPHIOPKQP 660
Qy 661 APOPLHTLVLAERGAIVAAVEPGLADGAVRLALGEGACPLSPGAGRNVFLP 720
Db 661 APOPLHTLVLAERGAIVAAVEPGLADGAVRLALGEGACPLSPGAGRNVFLP 720
Qy 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGSSRPAMVLTDPHT 780
Db 721 VDPEDSPGSGSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGSSRPAMVLTDPHT 780
Qy 781 PYEEORQOSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Db 781 PYEEORQOSVSDQGYISRSRSPQPEGLTEMEEEEEEBQDPKALPLSPEDLESLSLQ 840
Qy 841 ROLLFROLQKXSGMDTWGSESEGPSA 866
Db 841 ROLLFROLQKXSGMDTWGSESEGPSA 866

RESULT 9
US-09-549-679-10
; Sequence 10, Application US/09549679
; Patent No. 6680057
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spriggs, Melanie
; APPLICANT: Panislow, William
; TITLE OF INVENTION: No. 6680057el Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/549,679
FILING DATE: 14-Apr-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/620,694
FILING DATE: <Unknown>
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 866 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-549-679-10

Query Match 100.0%; Score 4643; DB 4; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MGAARSPSAVPGPLGLLLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
1 MGAARSPSAVPGPLGLLLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAEISVLQIN 120
61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAEISVLQIN 120
61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAEISVLQIN 120
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
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181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTFLMNESHTYQILTSFPHM 240
181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTFLMNESHTYQILTSFPHM 240
241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLRNLLKGCCHQVOIQPFSSCLNDCLRHSAT 300
241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLRNLLKGCCHQVOIQPFSSCLNDCLRHSAT 300
241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLRNLLKGCCHQVOIQPFSSCLNDCLRHSAT 300
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
361 YTDGRLPAADLIPPLKPKKVMIIYSADHPLVYDVVLFKFAQFLTLTACGTEVALDLLEBOAI 420
361 YTDGRLPAADLIPPLKPKKVMIIYSADHPLVYDVVLFKFAQFLTLTACGTEVALDLLEBOAI 420
361 YTDGRLPAADLIPPLKPKKVMIIYSADHPLVYDVVLFKFAQFLTLTACGTEVALDLLEBOAI 420
421 SEAGVTVWVROKQEWVESNKIIIVLCSHGRTRAKQALGRGAPVYLRCDHCKPVQDLFT 480
421 SEAGVTVWVROKQEWVESNKIIIVLCSHGRTRAKQALGRGAPVYLRCDHCKPVQDLFT 480
421 SEAGVTVWVROKQEWVESNKIIIVLCSHGRTRAKQALGRGAPVYLRCDHCKPVQDLFT 480
481 AAMNMLLPFKRPACGTYVVCYFSEVSCDGVDPDLFGAAPRYPLMDRFEVYFRIQDLE 540
481 AAMNMLLPFKRPACGTYVVCYFSEVSCDGVDPDLFGAAPRYPLMDRFEVYFRIQDLE 540
481 AAMNMLLPFKRPACGTYVVCYFSEVSCDGVDPDLFGAAPRYPLMDRFEVYFRIQDLE 540
541 MPOGMRHVRGELSGNNTLRSPGROLRALDRFRDMOVRCPDMPECENLYSADODDAPS 600
541 MPOGMRHVRGELSGNNTLRSPGROLRALDRFRDMOVRCPDMPECENLYSADODDAPS 600
541 MPOGMRHVRGELSGNNTLRSPGROLRALDRFRDMOVRCPDMPECENLYSADODDAPS 600

601 IDEEVEFEPPLPFGTGVKRAPIVREPSQACLAIDPLVGEEGGAIVAKLEBNLQPRGP 660
601 IDEEVEFEPPLPFGTGVKRAPIVREPSQACLAIDPLVGEEGGAIVAKLEBNLQPRGP 660
601 IDEEVEFEPPLPFGTGVKRAPIVREPSQACLAIDPLVGEEGGAIVAKLEBNLQPRGP 660
661 APOPLHTVLAAERGAIVAAVEPGPLADGAIVRLALAGEGACPLLSGPGAGRNVLPLP 720
661 APOPLHTVLAAERGAIVAAVEPGPLADGAIVRLALAGEGACPLLSGPGAGRNVLPLP 720
661 APOPLHTVLAAERGAIVAAVEPGPLADGAIVRLALAGEGACPLLSGPGAGRNVLPLP 720
721 VDPEDSPGSSSTPMASPDLPEDVREHLEGLMLSLFESLSLCSQAQGGCSRPMAMVLTDPHT 780
721 VDPEDSPGSSSTPMASPDLPEDVREHLEGLMLSLFESLSLCSQAQGGCSRPMAMVLTDPHT 780
721 VDPEDSPGSSSTPMASPDLPEDVREHLEGLMLSLFESLSLCSQAQGGCSRPMAMVLTDPHT 780
781 PYEEBQROSVQSDGYISRSRSPPEEGITEMEEREEBQDPGKPALPLSPEDLSRSIQ 840
781 PYEEBQROSVQSDGYISRSRSPPEEGITEMEEREEBQDPGKPALPLSPEDLSRSIQ 840
781 PYEEBQROSVQSDGYISRSRSPPEEGITEMEEREEBQDPGKPALPLSPEDLSRSIQ 840
841 RQLLFRQLQKNSGMDTWGSESEGP9A 866
841 RQLLFRQLQKNSGMDTWGSESEGP9A 866

RESULT 10
US-10-033-522-1
Sequence 1, Application US/10033522
Patent No. 6793919
GENERAL INFORMATION:
APPLICANT: MOHLER, Kendall M.
TITLE OF INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17 Antagonists
FILE REFERENCE: 2982-A
CURRENT FILING DATE: US/10/033,522
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: US 60/241,230
PRIOR FILING DATE: 2000-10-18
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 866
TYPE: PRT
ORGANISM: Homo sapiens
US-10-033-522-1

Query Match 100.0%; Score 4643; DB 4; Length 866;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 866; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MGAARSPSAVPGPLGLLLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
1 MGAARSPSAVPGPLGLLLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
1 MGAARSPSAVPGPLGLLLGLVLAAGASLRLLDHRALVCSQPGINCTVKNSTCDD 60
61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAEISVLQIN 120
61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAEISVLQIN 120
61 SWIHRNLTSPSPKDIQLHFAHTQOGLFPVAHIEMTLQTDASILYLEGAEISVLQIN 120
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
121 TNERLCVREFLSKLRHHRMRFTFSHFVVDPOEYEVTVVHLLPKPIPDGPNHQSXNF 180
181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTFLMNESHTYQILTSFPHM 240
181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTFLMNESHTYQILTSFPHM 240
181 LVPDCEHARMKVTTPCMSSGSLMDPNITVETLEAHQLRVSTFLMNESHTYQILTSFPHM 240
241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLRNLLKGCCHQVOIQPFSSCLNDCLRHSAT 300
241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLRNLLKGCCHQVOIQPFSSCLNDCLRHSAT 300
241 ENHSCFEHMHIIIPAPREEFHQRNSVTLTLRNLLKGCCHQVOIQPFSSCLNDCLRHSAT 300
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
301 VSCPEMPTPEPIPDYMLMYWFTIGISILLVGSVILLICMTWRLAGPSSEKYSDDTK 360
361 YTDGRLPAADLIPPLKPKKVMIIYSADHPLVYDVVLFKFAQFLTLTACGTEVALDLLEBOAI 420
361 YTDGRLPAADLIPPLKPKKVMIIYSADHPLVYDVVLFKFAQFLTLTACGTEVALDLLEBOAI 420
361 YTDGRLPAADLIPPLKPKKVMIIYSADHPLVYDVVLFKFAQFLTLTACGTEVALDLLEBOAI 420

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QY 421 SEAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKREVDLFT 480
D 421 SEAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAVRLRCDHKREVDLFT 480
QY 481 AAMMMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYVPLMDRFEFVYRIIDLE 540
D 481 AAMMMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYVPLMDRFEFVYRIIDLE 540
QY 541 MFOGRHNRVGEISGDVYLRSPGRQLRAALDRFRDMQVRCEDMFECENYLSADDOAPS 600
D 541 MFOGRHNRVGEISGDVYLRSPGRQLRAALDRFRDMQVRCEDMFECENYLSADDOAPS 600
QY 601 LDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAANAVALKEPHLQPRGP 660
D 601 LDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAANAVALKEPHLQPRGP 660
QY 661 APQPLHTLVLAEEGALVAAVEPGPLADGAIVRLALAGEGACPLGSPGAGRNSVLFPL 720
D 661 APQPLHTLVLAEEGALVAAVEPGPLADGAIVRLALAGEGACPLGSPGAGRNSVLFPL 720
QY 721 VDPEDSPGSGSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSRPAMVLTDPHT 780
D 721 VDPEDSPGSGSTPMASPDLLPEVREHLEGLMLSLFEQSLSQAQGGCSRPAMVLTDPHT 780
QY 781 PYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEEDPGKPLPLSPEDLESLSIQ 840
D 781 PYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEEDPGKPLPLSPEDLESLSIQ 840
QY 841 RQLLFRQLQKNSGMDTWGSESEGPSA 866
D 841 RQLLFRQLQKNSGMDTWGSESEGPSA 866

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RESULT 11

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US-08-620-694A-2
; Sequence 2, Application US/08620694A
; Patent No. 5869286
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spriggs, Melanie
; APPLICANT: Fanelow, William
; TITLE OF INVENTION: No. 5869286e1 Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: Apple Power Macintosh
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,694A
; FILING DATE: 21 MARCH 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/538,765
; FILING DATE: 7 AUGUST 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430

```

```

; TELEFAX: (206)
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 864 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-620-694A-2

Query Match 65.5%; Score 3042.5; DB 2; Length 864;
Best Local Similarity 67.9%; Pred. No. 7.6e-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAARSPSAVPGPLIGLILLGLVLAAGASRLDHRALVCSQPELACTVKNSTCLDD 60
D 1 MGAARSPSAVPGPLIGLILLGLVLAAGASRLDHRALVCSQPELACTVKNSTCLDD 60
QY 61 SWIHPNLTSSPKDLOIQHFAHTQGDLPVNAHWITLQTDASIIYLGAEISVTLQNL 120
D 61 SWIHPNLTSSPKDLOIQHFAHTQGDLPVNAHWITLQTDASIIYLGAEISVTLQNL 120
QY 121 TNERLCYRFEFLSLRHHHRWRFTSFVVDPRQEEVTVVHLPKPIPDGDPNHOSKNF 180
D 121 TNERLCYRFEFLSLRHHHRWRFTSFVVDPRQEEVTVVHLPKPIPDGDPNHOSKNF 180
QY 181 LVPCCEHARKMVTTPCMSGSLMDPNITVETLEAHQLRVFTLWNESTHYQIILTSPPHM 240
D 181 LVPCCEHARKMVTTPCMSGSLMDPNITVETLEAHQLRVFTLWNESTHYQIILTSPPHM 240
QY 241 ENHSCFEMHHIIPAPREDFHORSNTLTJLNLKCCRHVOYQIOPFSSCLNDCLRSAT 300
D 241 ENHSCFEMHHIIPAPREDFHORSNTLTJLNLKCCRHVOYQIOPFSSCLNDCLRSAT 300
QY 301 VSCPEMPTD--PEPIPIYMLVYVWFTGSIILVGSVILLVCMTRLRPGSEKXSD 358
D 301 VSCPEMPTD--PEPIPIYMLVYVWFTGSIILVGSVILLVCMTRLRPGSEKXSD 358
QY 361 VPCVISNTVVKPVADYIPLMVYGLTTLALILVGSIVILLIMTRLGADQEKGGD 418
D 361 VPCVISNTVVKPVADYIPLMVYGLTTLALILVGSIVILLIMTRLGADQEKGGD 418
QY 419 AISBAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAP-VRLRCDHKREVD 477
D 419 AISBAGVMTWVGROKQEMVESNSKIIIVLCSRGTRAKMQLLGRGAP-VRLRCDHKREVD 477
QY 478 LFTAAAMMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYVPLMDRFEFVYRIQ 537
D 478 LFTAAAMMILPDFKRPACFGTYVVCYSEVSCDGDVDFGAPRYVPLMDRFEFVYRIQ 537
QY 538 DLEWFOGRHNRVGEISGDVYLRSPGRQLRAALDRFRDMQVRCEDMFECENYLSADDO 597
D 538 DLEWFOGRHNRVGEISGDVYLRSPGRQLRAALDRFRDMQVRCEDMFECENYLSADDO 597
QY 598 APSIDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAANAVALKEPHLQPR 657
D 598 APSIDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAANAVALKEPHLQPR 657
QY 601 LPSIDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAANAVALKEPHLQPR 659
D 601 LPSIDEEVEFEPLPFGTGIVKRAPLVREPSQACLAIDPLVGEEGAANAVALKEPHLQPR 659
QY 658 GQAPQPLHTLVLAEEGALVAAVEPGPLAD--GAAYRLALAGEGACPLGSPGAGRNS 715
D 658 GQAPQPLHTLVLAEEGALVAAVEPGPLAD--GAAYRLALAGEGACPLGSPGAGRNS 715
QY 716 RELVAHTLOSMTLPAEDVPAHVAVEPLHLPGSGAALQPTEDSEACPLL---GYOQNS 716
D 716 RELVAHTLOSMTLPAEDVPAHVAVEPLHLPGSGAALQPTEDSEACPLL---GYOQNS 716
QY 717 ILCLPVDSDLLPL-CSTPMMSPDLLQGDAREQLSLMLSVLQSLSGQPLESWRPREVYL 775
D 717 ILCLPVDSDLLPL-CSTPMMSPDLLQGDAREQLSLMLSVLQSLSGQPLESWRPREVYL 775
QY 776 TDPTPYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEEDPGKPLPLSPEDLES 835
D 776 TDPTPYEEORQSVSDQGYISRSRSPQPEGLTEMEEEEEEEDPGKPLPLSPEDLES 835
QY 836 LRSIORQLFRQLQKNSGMDTW-----GSSSEGS 865
D 836 LRSIORQLFRQLQKNSGMDTW-----GSSSEGS 865
QY 864 LRKLORQLFWELERKNGMNSLBRPRPTPEONPS 864
D 864 LRKLORQLFWELERKNGMNSLBRPRPTPEONPS 864

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APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 587-0430
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-696-2

Query Match      65.5%; Score 3042.5; DB 3; Length 864;
Best Local Similarity 67.9%; Pred. No. 7,66-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAARSPPSAVPGLLGLLLLLGLVLAAPGASLLDLHRALVCSQPGINCTVKNSTCIDD 60
DB 1 MAIRRCWPRVVPGRALGWLILLLVLAAPGRASPRLLDPFAPVCAQBGISCVKNSTCIDD 60
QY 61 SWIHRNLTSSPPDLQQLHFAHTQOGLDPVVAHIEWTLQTDASILYLBGAELSVLQLN 120
DB 61 SWIHRNLTSSPPDLQQLHFAHTQOGLDPVVAHIEWTLQTDASILYLBGAELSVLQLN 120
QY 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
DB 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
QY 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
DB 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
QY 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
QY 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
QY 241 ENHSCFEMHHIRAPRBEHFHORSNVTLTLNKGCCCHQVQIQPFSSCINDCLRHSHAT 300
DB 241 ENHSCFEMHHIRAPRBEHFHORSNVTLTLNKGCCCHQVQIQPFSSCINDCLRHSHAT 300
QY 241 ENHSCFEMHHIRAPRBEHFHORSNVTLTLNKGCCCHQVQIQPFSSCINDCLRHSHAT 300
DB 241 ENHSCFEMHHIRAPRBEHFHORSNVTLTLNKGCCCHQVQIQPFSSCINDCLRHSHAT 300
QY 301 VSCHEMPT--PRLIPDPMPLVWFITGISILLVGSYILLVCMTWLAPGSEKYSDD 358
DB 301 VSCHEMPT--PRLIPDPMPLVWFITGISILLVGSYILLVCMTWLAPGSEKYSDD 358
QY 301 VPCGVISNTTYPKRVADYIPLMVGILTLAILLVGSYIVLICTMRLSADQEKHGD 360
DB 301 VPCGVISNTTYPKRVADYIPLMVGILTLAILLVGSYIVLICTMRLSADQEKHGD 360
QY 359 TKYTDGPPAADLIPPLKPRKRWIYSADHPLVYDVVLKFAOFLITACSTEVALLDLEBQ 418
DB 359 TKYTDGPPAADLIPPLKPRKRWIYSADHPLVYDVVLKFAOFLITACSTEVALLDLEBQ 418
QY 419 AISAAGVWTVGRQKQEMVENSNTIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 477
DB 419 AISAAGVWTVGRQKQEMVENSNTIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 477
QY 421 VISVGVWTVGRQKQEMVENSNTIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 480
DB 421 VISVGVWTVGRQKQEMVENSNTIYVCSRGTRAKQALLGRAP-VRLACHGKPYGD 480
QY 478 LFTAAAMNLLDPFKRPACFGTYVVCYFSEVSCDGVPRDLFGAAPPYPLDFFEEYVPIQ 537
DB 478 LFTAAAMNLLDPFKRPACFGTYVVCYFSEVSCDGVPRDLFGAAPPYPLDFFEEYVPIQ 537
QY 481 LFTAAAMNLLDPFKRPACFGTYVVCYFSEVSCDGVPRDLFGAAPPYPLDFFEEYVPIQ 540
DB 481 LFTAAAMNLLDPFKRPACFGTYVVCYFSEVSCDGVPRDLFGAAPPYPLDFFEEYVPIQ 540
QY 538 DLEMFQPMRMRVGBELSGDNYLRSFGGRQALRALDRFDMQVRCDFWECENTLSADQD 597
DB 538 DLEMFQPMRMRVGBELSGDNYLRSFGGRQALRALDRFDMQVRCDFWECENTLSADQD 597
QY 541 DLEMFQPMRMRVGBELSGDNYLRSFGGRQALRALDRFDMQVRCDFWECENTLSADQD 600
DB 541 DLEMFQPMRMRVGBELSGDNYLRSFGGRQALRALDRFDMQVRCDFWECENTLSADQD 600
QY 598 APSIDEEVEEFLPRLPGTGYIKRAPLVNBPSSQACLAIDLVBEGGAAYAKLEPHLOPR 657
DB 598 APSIDEEVEEFLPRLPGTGYIKRAPLVNBPSSQACLAIDLVBEGGAAYAKLEPHLOPR 657
QY 601 LPSIDEEVEEFLPRLPGTGYIKRAPLVNBPSSQACLAIDLVBEGGAAYAKLEPHLOPR 659
DB 601 LPSIDEEVEEFLPRLPGTGYIKRAPLVNBPSSQACLAIDLVBEGGAAYAKLEPHLOPR 659
QY 658 GQAPAPQPLHTVLAAEBGALVAAPVGRPLAD--GAAVLALAGEBAEPLGSPAGANS 715
DB 658 GQAPAPQPLHTVLAAEBGALVAAPVGRPLAD--GAAVLALAGEBAEPLGSPAGANS 715
QY 660 RELVAHTIQSNVLRPEQVRAAHVVEPLHLPDGSGAALDPMTBDEACPL--GVQKNS 716
DB 660 RELVAHTIQSNVLRPEQVRAAHVVEPLHLPDGSGAALDPMTBDEACPL--GVQKNS 716
QY 716 VLFVPEDEBSPGSGSTPMASPDLLPEDEVREHLBGLMLSLFEQSLSCAQQGCSRPAYVL 775
DB 716 VLFVPEDEBSPGSGSTPMASPDLLPEDEVREHLBGLMLSLFEQSLSCAQQGCSRPAYVL 775
QY 717 ILCLPVDSDDLPL--CSTPMMSPDHLQGDARQLBSLMSVLAQGSLSGQPLBSWPRPVVL 775
DB 717 ILCLPVDSDDLPL--CSTPMMSPDHLQGDARQLBSLMSVLAQGSLSGQPLBSWPRPVVL 775

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QY 776 TDPTPYEEBQROQSGDOGYISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 835
DB 776 TDPTPYEEBQROQSGDOGYISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 835
QY 776 -EGCTPSEEBERQSGVQDQGYISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 829
DB 776 -EGCTPSEEBERQSGVQDQGYISRSRSPQPEGLTMEEBEERODPGKPALPLSPEDLES 829
QY 836 LRSIQRLPFRQLOKNSGMDTM-----GSSESGS 865
DB 836 LRSIQRLPFRQLOKNSGMDTM-----GSSESGS 865
QY 830 LRLQROLFWLELEKNGMNSLBRPRPTPEBONS 864
DB 830 LRLQROLFWLELEKNGMNSLBRPRPTPEBONS 864

RESULT 14
US-08-978-773-2
Sequence 2, Application US/08978773
Patent No. 6083906
GENERAL INFORMATION:
APPLICANT: Trout, Anthony
TITLE OF INVENTION: Method of Regulating Nitric Oxide Production
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple PowerMacintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for PowerMacintosh, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/978, 773
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/052,525
FILING DATE: 27 NOVEMBER 1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2623-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 587-0430
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-978-773-2

Query Match      65.5%; Score 3042.5; DB 3; Length 864;
Best Local Similarity 67.9%; Pred. No. 7,66-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

QY 1 MGAARSPPSAVPGLLGLLLLLGLVLAAPGASLLDLHRALVCSQPGINCTVKNSTCIDD 60
DB 1 MGAARSPPSAVPGLLGLLLLLGLVLAAPGASLLDLHRALVCSQPGINCTVKNSTCIDD 60
QY 1 MAIRRCWPRVVPGRALGWLILLLVLAAPGRASPRLLDPFAPVCAQBGISCVKNSTCIDD 60
DB 1 MAIRRCWPRVVPGRALGWLILLLVLAAPGRASPRLLDPFAPVCAQBGISCVKNSTCIDD 60
QY 61 SWIHRNLTSSPPDLQQLHFAHTQOGLDPVVAHIEWTLQTDASILYLBGAELSVLQLN 120
DB 61 SWIHRNLTSSPPDLQQLHFAHTQOGLDPVVAHIEWTLQTDASILYLBGAELSVLQLN 120
QY 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
DB 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
QY 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
DB 121 TNERLCVRFEEFLSKLRHHRMRFTFSHFVVDPOGEYEVTVHNLKPRIPDGDPMHQSKNF 180
QY 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 LVDPCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
QY 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240
DB 181 FVPDCEHAKMKVTPPCSSGSLMDPNITVETLEAHQLRVSTLWNESTHYOILLTSPPHM 240

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QY 241 ENHSCFEMHHIIPAPRPEEFHORSNVTLLRLNLKGCCHROVOIOFPSSCLNDCLRHSAT 300
DB 241 ENHSCFDDVVKQIFAPROBEFHORANVTFTLSKFHMCCHHVOVQFPSSCLNDCLRHAYT 300
QY 301 VSCPEMPDT--PEPIPYMPLVMVWFTGSIILLVGSVILLIVCMTWRLAGSGSEKYSDD 358
DB 301 VPCVISTNTTVKPVADYIPLVMYGLITLIALILVGSVITVLIICMTWRLSGADQEKHDD 360
QY 359 TKYTDGLPADLIPPLKPKRWIITYSADHPLVYDVYLKFAQPLITAGTEVALDLLEQ 418
DB 361 SKINGILPVADLTPPLPRKRWIYYSADHPLVYEVVYLKFAQPLITAGTEVALDLLEQ 420
QY 419 AISEAGVMTWVGRQOEWEVNSKIIVLCSTRGTRAKMQLGRGAP-VRLRCDHKGPVD 477
DB 421 VISEGVMTWVRQOEWEVNSKIILICSGRTQAKMKAIIIGMAFPAVQLCDHKKPGD 480
QY 478 LFTAAAMNLLPDKRPACFGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDRFEVYFRIO 537
DB 481 LFTAAAMNLLPDKRPACFGTYVVCYFSGICSEBDVDPDLFNITSRYPLMDRFEVYFRIO 540
QY 538 DLEMFQPGMRVGVGELSGDNILRSFGGRQLAALDRPDMQVRCDFWECENLYSADOD 597
DB 541 DLEMFEPGRMHRVRELTDGNYLQSPSGRQLKEAVLRFQEMQTQCPDWERENLCLADGD 600
QY 598 APSLDEEVFEPLPPGTGIVKRAPLVREPSQACIADPLVGEBSGAVALKEBPHLOPR 657
DB 601 LPSLDEEVFEPLPPGGGIVKQPLVRELPSDGLVYDVCSER-BSRMAKLDQLMFO 659
QY 658 GQAPAPLHTLVLAABEGALVAAVEPGLAD--GAAVRLALAGEACPLLSPGAGNS 715
DB 660 RELVHTLQSVLPAEQVPAHVAHVEPLHLPDGSAAAOQLPMTEDBACPLL--GVQNS 716
QY 716 VLFLVYVDEDSPLSGSTPMASPDLPBDVREHLEGLMISLFEQISLQAOGCSRPANVL 775
DB 717 ILCLVDSDDLPL-CSTPMWSPDHLQGDAREQLESIIMLSVLQOQSGPLESMPRPEVYL 775
QY 776 TDPHPEEBOEQSVQSDQGYISRSPOPEGLTEMEEEBEBOOPGKPLPLSPEDLES 835
DB 776 -BGTSPSEBOEQSVQSDQGYISRSPPQPEWLT-----EEBELGIVEVLSLSELR 829
QY 836 LRSILQROLFRQLQKNSGMDTW-----GSESEGPS 865
DB 830 LRKLQROLFWELERKMPGWNLSLPRRPPEEQNPS 864

RESULT 15
US-09-022-253-2
Sequence 2, Application US/09022253
Patent No. 6096305
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
TITLE OF INVENTION: No. 6096305el Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,253
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694

QY 1 ENHSCFEMHHIIPAPRPEEFHORSNVTLLRLNLKGCCHROVOIOFPSSCLNDCLRHSAT 300
DB 241 ENHSCFDDVVKQIFAPROBEFHORANVTFTLSKFHMCCHHVOVQFPSSCLNDCLRHAYT 300
QY 301 VSCPEMPDT--PEPIPYMPLVMVWFTGSIILLVGSVILLIVCMTWRLAGSGSEKYSDD 358
DB 301 VPCVISTNTTVKPVADYIPLVMYGLITLIALILVGSVITVLIICMTWRLSGADQEKHDD 360
QY 359 TKYTDGLPADLIPPLKPKRWIITYSADHPLVYDVYLKFAQPLITAGTEVALDLLEQ 418
DB 361 SKINGILPVADLTPPLPRKRWIYYSADHPLVYEVVYLKFAQPLITAGTEVALDLLEQ 420
QY 419 AISEAGVMTWVGRQOEWEVNSKIIVLCSTRGTRAKMQLGRGAP-VRLRCDHKGPVD 477
DB 421 VISEGVMTWVRQOEWEVNSKIILICSGRTQAKMKAIIIGMAFPAVQLCDHKKPGD 480
QY 478 LFTAAAMNLLPDKRPACFGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDRFEVYFRIO 537
DB 481 LFTAAAMNLLPDKRPACFGTYVVCYFSGICSEBDVDPDLFNITSRYPLMDRFEVYFRIO 540
QY 538 DLEMFQPGMRVGVGELSGDNILRSFGGRQLAALDRPDMQVRCDFWECENLYSADOD 597
DB 541 DLEMFEPGRMHRVRELTDGNYLQSPSGRQLKEAVLRFQEMQTQCPDWERENLCLADGD 600
QY 598 APSLDEEVFEPLPPGTGIVKRAPLVREPSQACIADPLVGEBSGAVALKEBPHLOPR 657
DB 601 LPSLDEEVFEPLPPGGGIVKQPLVRELPSDGLVYDVCSER-BSRMAKLDQLMFO 659
QY 658 GQAPAPLHTLVLAABEGALVAAVEPGLAD--GAAVRLALAGEACPLLSPGAGNS 715

FILING DATE: 21-MARCH-1996
APPLICATION NUMBER: USN 08/538,765
FILING DATE: 7 AUGUST 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USN 08/410,535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 864 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-022-253-2

Query Match 65.5%; Score 3042.5; DB 3; Length 864;
Best Local Similarity 67.9%; Pred. No. 7,66-287;
Matches 594; Conservative 84; Mismatches 176; Indels 21; Gaps 9;

1 MGAARPPSAVPGPLGLILLGLVLAAGASRLDLDRALVCSQPGINCTVKNSTCIDD 60
1 MAIRCMFRRVVPGLPGLWILLILLVLAAGRASPLDLFPAPVCAQEGISCRVKSTCIDD 60
61 SWIHRNLTSSPPDLQQLFHTQGDLPVVAHIETLOTDSILYEGAEISVLOLN 120
61 SWIHRNLTSSPPKNIYINLSVSTQGEIVPVLHVEWTQDASILBGAELSVLOLN 120
121 TNERLCVFEPLSKLRHHRMRRTFSHFVVDPOQEEVTVHHLPKPIPDGDPMHQSKNF 180
121 TNERLCVGFOLSLMLQHHRKMRFSFHFVVDPOQEEVTVHHLPKPIPDGDPMHKSXII 180
181 LVDPCEHARKMVTTPCMSSGLMDPNITVETLEAHOLRVSTLWNESTHYOILLTSPPHM 240
181 FVPPCEDSKMKMTTSCVSSGLMDPNITVETLDTQHLRVDPFTLWNESTPYOVLLSEFSDS 240
241 ENHSCFEMHHIIPAPRPEEFHORSNVTLLRLNLKGCCHROVOIOFPSSCLNDCLRHSAT 300
241 ENHSCFDDVVKQIFAPROBEFHORANVTFTLSKFHMCCHHVOVQFPSSCLNDCLRHAYT 300
QY 301 VSCPEMPDT--PEPIPYMPLVMVWFTGSIILLVGSVILLIVCMTWRLAGSGSEKYSDD 358
DB 301 VPCVISTNTTVKPVADYIPLVMYGLITLIALILVGSVITVLIICMTWRLSGADQEKHDD 360
QY 359 TKYTDGLPADLIPPLKPKRWIITYSADHPLVYDVYLKFAQPLITAGTEVALDLLEQ 418
DB 361 SKINGILPVADLTPPLPRKRWIYYSADHPLVYEVVYLKFAQPLITAGTEVALDLLEQ 420
QY 419 AISEAGVMTWVGRQOEWEVNSKIIVLCSTRGTRAKMQLGRGAP-VRLRCDHKGPVD 477
DB 421 VISEGVMTWVRQOEWEVNSKIILICSGRTQAKMKAIIIGMAFPAVQLCDHKKPGD 480
QY 478 LFTAAAMNLLPDKRPACFGTYVVCYFSEVSCDGDVDPDLFGAAPPYPLMDRFEVYFRIO 537
DB 481 LFTAAAMNLLPDKRPACFGTYVVCYFSGICSEBDVDPDLFNITSRYPLMDRFEVYFRIO 540
QY 538 DLEMFQPGMRVGVGELSGDNILRSFGGRQLAALDRPDMQVRCDFWECENLYSADOD 597
DB 541 DLEMFEPGRMHRVRELTDGNYLQSPSGRQLKEAVLRFQEMQTQCPDWERENLCLADGD 600
QY 598 APSLDEEVFEPLPPGTGIVKRAPLVREPSQACIADPLVGEBSGAVALKEBPHLOPR 657
DB 601 LPSLDEEVFEPLPPGGGIVKQPLVRELPSDGLVYDVCSER-BSRMAKLDQLMFO 659
QY 658 GQAPAPLHTLVLAABEGALVAAVEPGLAD--GAAVRLALAGEACPLLSPGAGNS 715


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Db      660  RELVAHTILQSNVLLPAAQVPAAHVVEPLHLPDGSGAAAGQPMTEEDSACPPLL---GVQGRNS  716

QY      716  VLFLFVDPEDSDSYLGSSSTPMASFDLLPEDEVREHLEGIMLSLFBQSLSCQAQGGCSRPAATL  775
        : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      717  ILCLFVDDDDPLFL-CSTPMMSPDHLQGDAREQLSMTLMLVYLQSLSGQPLSWPREVATL  775
        : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      776  TDPHTPYEEBQSQVSDQGYTSRSSPOPPEGLTEHEESEEEDQDQKALPLSPEDLS  835
        : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      776  -EGCTPSEEBQSQVSDQGYTSRSSPOPPEWTL-----EEBELTEGEFVESISPELNS  829
        : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      836  LRSILQRLFLRQLQKNSGWDIT-----GSESEGPS  865
        : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      830  LRKLRQLFPMLEKKNPGMNSLEPRRPTPEEQNPS  864

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Search completed: September 12, 2005, 07:22:28
Job time : 47 secs

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